

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030221\
 Data File : VN066100.D
 Acq On : 2 Mar 2021 14:06
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Mar 03 03:51:04 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030221W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 02 14:05:08 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.624	168	27097	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.547	114	48027	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	30502	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	6359	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.987	65	23491	56.97	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	113.94%
35) Dibromofluoromethane	7.547	113	16992	55.87	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	111.74%
50) Toluene-d8	10.055	98	44411	37.49	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	74.98%
62) 4-Bromofluorobenzene	12.373	95	11981	26.26	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	52.52%#

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.846	85	250	0.72	ug/l #	41
3) Chloromethane	2.042	50	822	2.36	ug/l	94
4) Vinyl Chloride	2.174	62	279	0.73	ug/l #	43
5) Bromomethane	2.560	94	502	1.88	ug/l	86
7) Trichlorofluoromethane	3.007	101	592	0.98	ug/l	94
10) Methyl Iodide	3.923	142	341	0.88	ug/l #	43
12) 1,1-Dichloroethene	3.705	96	138	0.49	ug/l #	8
13) Acrolein	3.586	56	880	22.62	ug/l	93
15) Acrylonitrile	4.949	53	140	1.13	ug/l #	76
16) Acetone	3.795	43	690	5.60	ug/l #	41
17) Carbon Disulfide	4.023	76	4316	5.25	ug/l #	93
19) Methyl tert-butyl Ether	5.010	73	307	0.30	ug/l #	54
21) trans-1,2-Dichloroethene	5.004	96	560	1.93	ug/l #	58
23) Vinyl Acetate	5.840	43	483	0.66	ug/l #	71
25) 2-Butanone	6.791	43	239	1.46	ug/l #	46
27) cis-1,2-Dichloroethene	6.782	96	132	0.38	ug/l #	43
29) Tetrahydrofuran	7.174	42	160	1.52	ug/l #	32
30) Chloroform	7.328	83	185	0.31	ug/l #	17
31) Cyclohexane	7.611	56	598	1.21	ug/l #	86
32) 1,1,1-Trichloroethane	7.528	97	136	0.24	ug/l #	24
36) 1,1-Dichloropropene	7.753	75	634	1.40	ug/l #	41
37) Ethyl Acetate	6.791	43	239	0.68	ug/l #	1
38) Carbon Tetrachloride	7.618	117	2645	5.10	ug/l #	12
39) Methylcyclohexane	9.042	83	703	1.44	ug/l	99
40) Benzene	8.000	78	753	0.56	ug/l #	52
42) 1,2-Dichloroethane	8.081	62	186	0.35	ug/l #	74
44) Trichloroethene	8.795	130	395	1.06	ug/l	47
47) Bromodichloromethane	9.373	83	121	0.24	ug/l #	25
48) Methyl methacrylate	9.052	41	124	0.39	ug/l #	10
51) 4-Methyl-2-Pentanone	9.952	43	1104	3.06	ug/l #	74
52) Toluene	10.126	92	799	0.93	ug/l	92
53) t-1,3-Dichloropropene	10.351	75	490	0.84	ug/l #	42
54) cis-1,3-Dichloropropene	9.807	75	404	0.67	ug/l #	36
57) 1,3-Dichloropropane	10.675	76	301	0.55	ug/l #	43
58) 2-Chloroethyl Vinyl ether	9.659	63	64	0.36	ug/l #	47
59) 2-Hexanone	10.733	43	982	4.03	ug/l	86

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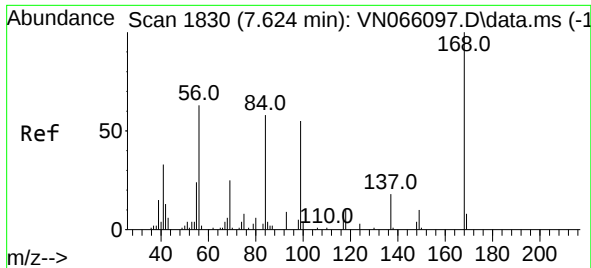
Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Mar 03 03:51:04 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030221W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 02 14:05:08 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

60) Dibromochloromethane	10.595	129	621	1.67	ug/l #	11
64) Tetrachloroethene	10.598	164	709	2.82	ug/l #	76
65) Chlorobenzene	11.402	112	1380	2.17	ug/l	93
67) Ethyl Benzene	11.476	91	2410	2.10	ug/l	97
68) m/p-Xylenes	11.589	106	1801	4.06	ug/l	92
69) o-Xylene	11.913	106	513	1.19	ug/l	60
70) Styrene	11.933	104	1154	1.70	ug/l	90
73) Isopropylbenzene	12.219	105	2517	4.83	ug/l	86
75) 1,1,2,2-Tetrachloroethane	12.476	83	351	2.54	ug/l #	67
76) 1,2,3-Trichloropropane	12.528	75	839	5.98	ug/l #	100
77) Bromobenzene	12.502	156	514	4.28	ug/l	67
78) n-propylbenzene	12.560	91	3306	5.84	ug/l	96
79) 2-Chlorotoluene	12.643	91	2210	6.07	ug/l	83
80) 1,3,5-Trimethylbenzene	12.704	105	2680	5.80	ug/l	90
81) trans-1,4-Dichloro-2-b...	12.373	75	6618	138.69	ug/l #	12
82) 4-Chlorotoluene	12.743	91	2624	6.98	ug/l	89
83) tert-Butylbenzene	12.965	119	2289	6.04	ug/l	94
84) 1,2,4-Trimethylbenzene	13.010	105	2831	6.27	ug/l	99
85) sec-Butylbenzene	13.142	105	3355	7.21	ug/l	100
86) p-Isopropyltoluene	13.261	119	3467	8.00	ug/l	98
87) 1,3-Dichlorobenzene	13.257	146	1782	8.51	ug/l	96
88) 1,4-Dichlorobenzene	13.331	146	1868	8.48	ug/l	83
89) n-Butylbenzene	13.585	91	3727	10.90	ug/l	99
90) Hexachloroethane	13.836	117	490	7.44	ug/l #	12
91) 1,2-Dichlorobenzene	13.627	146	1784	8.60	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.238	75	498	12.57	ug/l #	1
93) 1,2,4-Trichlorobenzene	14.878	180	2432	22.23	ug/l	99
94) Hexachlorobutadiene	14.978	225	1742	33.30	ug/l	90
95) Naphthalene	15.100	128	12724	35.90	ug/l	98
96) 1,2,3-Trichlorobenzene	15.277	180	3041	25.70	ug/l	96

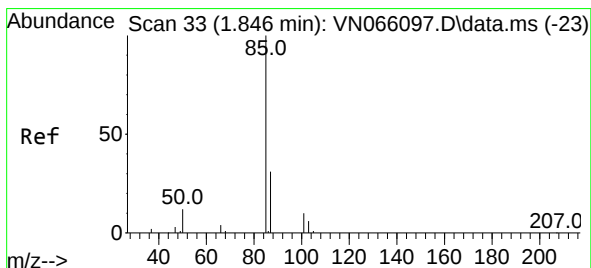
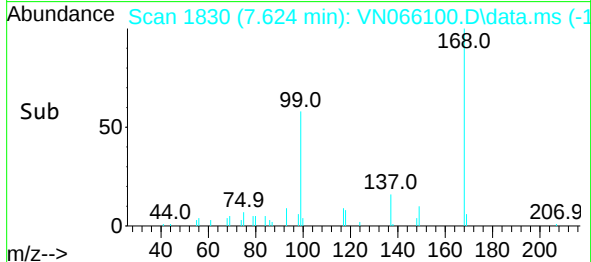
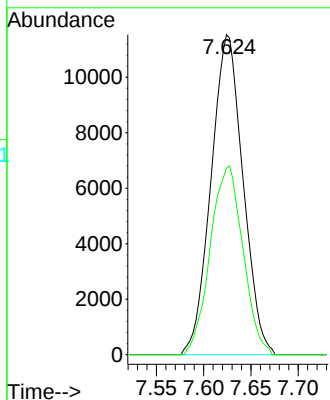
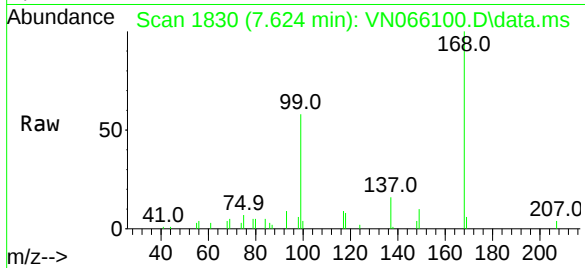
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. 0.000 min
Lab File: VN066100.D
Acq: 2 Mar 2021 14:06

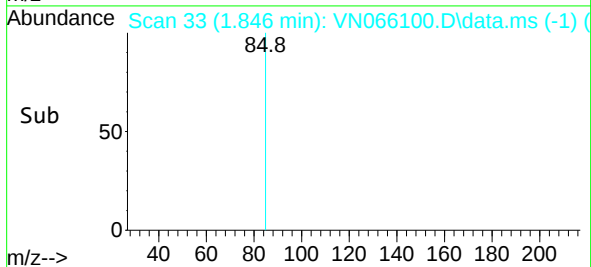
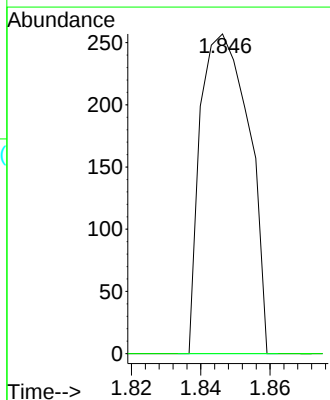
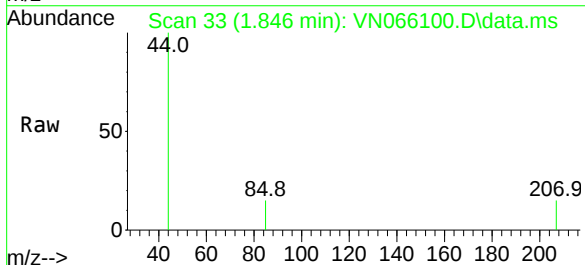
Instrument :
MSVOA_N
ClientSampled :

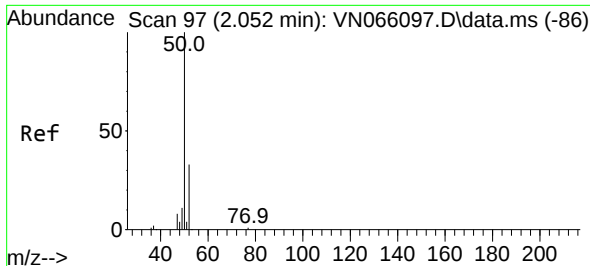
Tgt Ion:168 Resp: 27097
Ion Ratio Lower Upper
168 100
99 58.3 42.6 63.8



#2
Dichlorodifluoromethane
Concen: 0.72 ug/l
RT: 1.846 min Scan# 33
Delta R.T. 0.000 min
Lab File: VN066100.D
Acq: 2 Mar 2021 14:06

Tgt Ion: 85 Resp: 250
Ion Ratio Lower Upper
85 100
87 0.0 16.6 49.8#

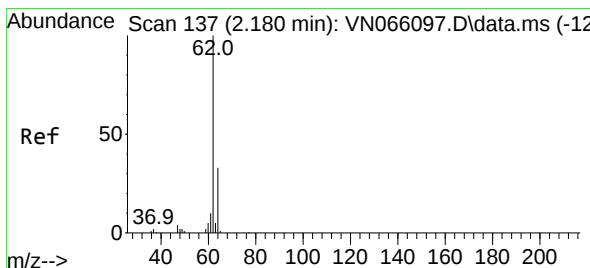
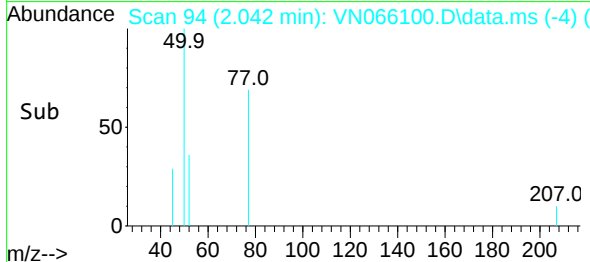
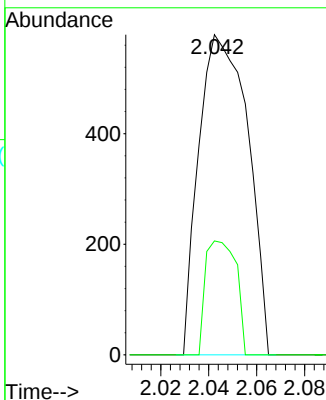
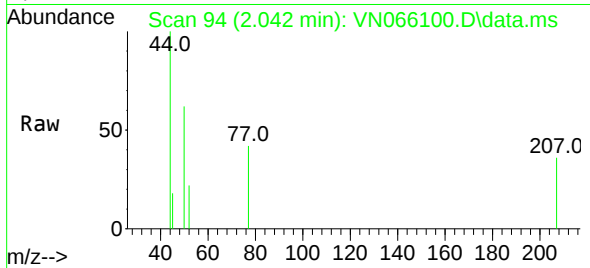




#3
Chloromethane
Concen: 2.36 ug/l
RT: 2.042 min Scan# 94
Delta R.T. -0.010 min
Lab File: VN066100.D
Acq: 2 Mar 2021 14:06

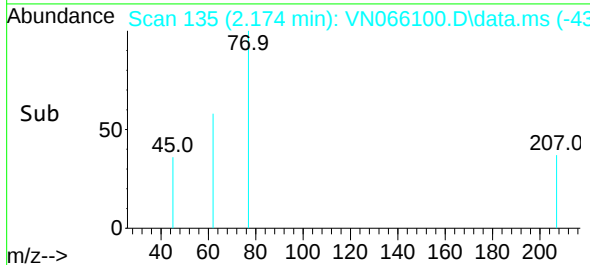
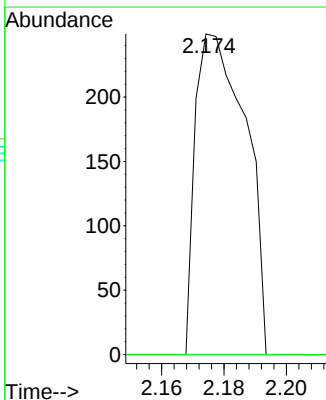
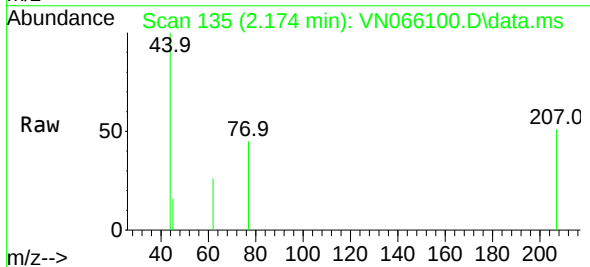
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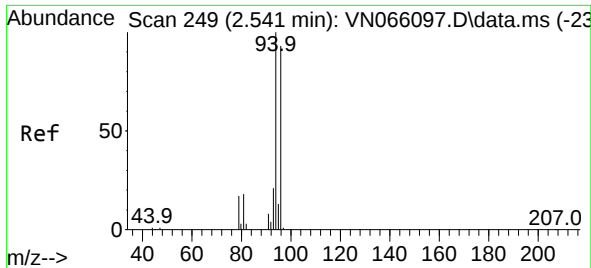
Tgt Ion: 50 Resp: 822
Ion Ratio Lower Upper
50 100
52 35.6 25.8 38.8



#4
Vinyl Chloride
Concen: 0.73 ug/l
RT: 2.174 min Scan# 135
Delta R.T. -0.006 min
Lab File: VN066100.D
Acq: 2 Mar 2021 14:06

Tgt Ion: 62 Resp: 279
Ion Ratio Lower Upper
62 100
64 0.0 25.1 37.7#

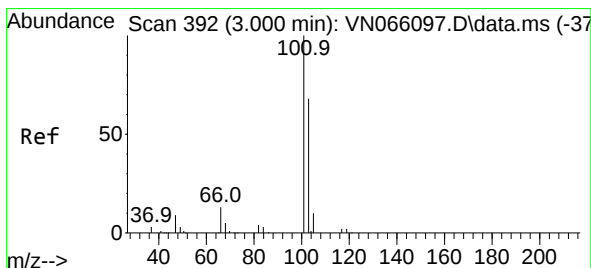
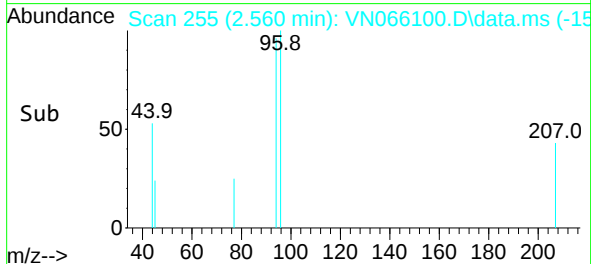
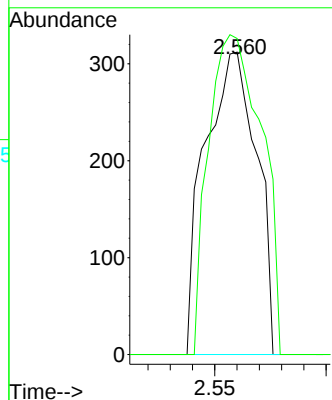
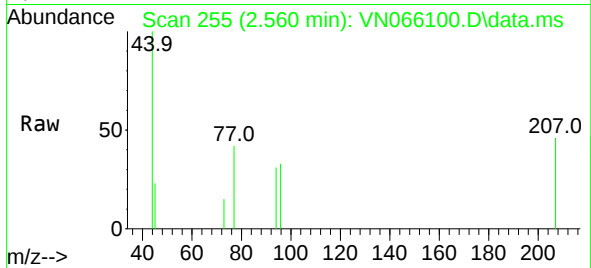




#5
Bromomethane
Concen: 1.88 ug/l
RT: 2.560 min Scan# 255
Delta R.T. 0.019 min
Lab File: VN066100.D
Acq: 2 Mar 2021 14:06

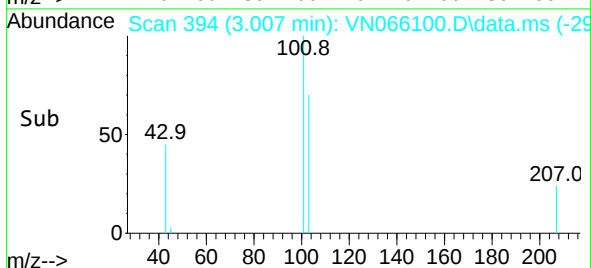
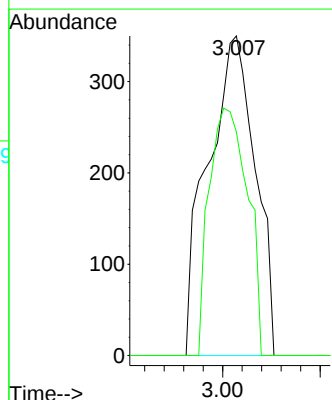
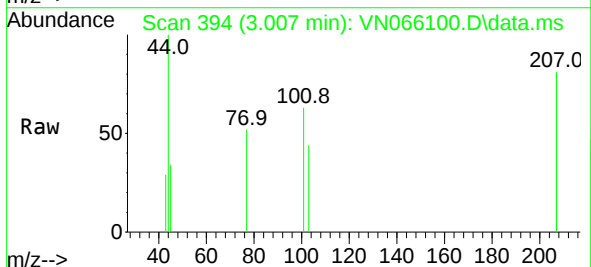
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MSVOA_N
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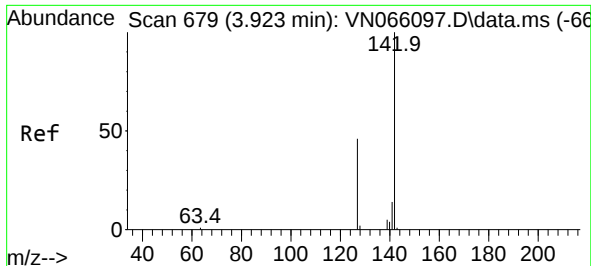
Tgt Ion: 94 Resp: 502
Ion Ratio Lower Upper
94 100
96 104.5 73.0 109.4



#7
Trichlorofluoromethane
Concen: 0.98 ug/l
RT: 3.007 min Scan# 394
Delta R.T. 0.007 min
Lab File: VN066100.D
Acq: 2 Mar 2021 14:06

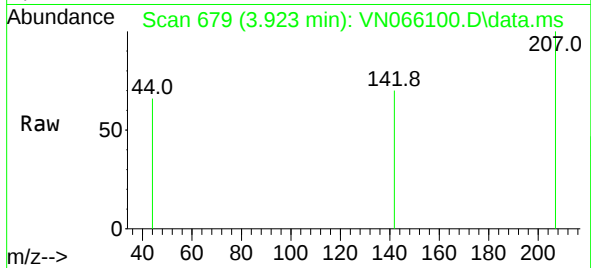
Tgt Ion:101 Resp: 592
Ion Ratio Lower Upper
101 100
103 70.0 52.1 78.1



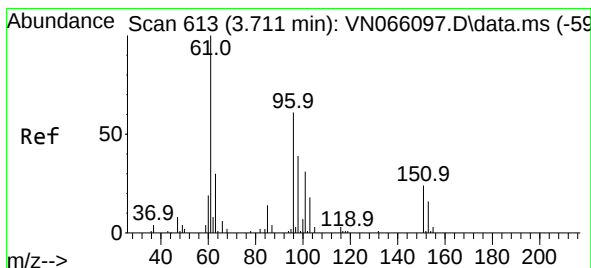
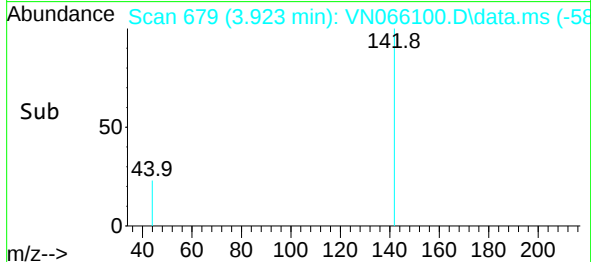
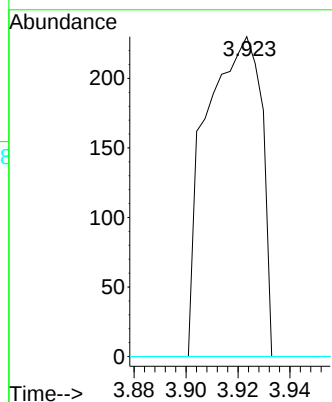


#10
Methyl Iodide
Concen: 0.88 ug/l
RT: 3.923 min Scan# 679
Delta R.T. 0.000 min
Lab File: VN066100.D
Acq: 2 Mar 2021 14:06

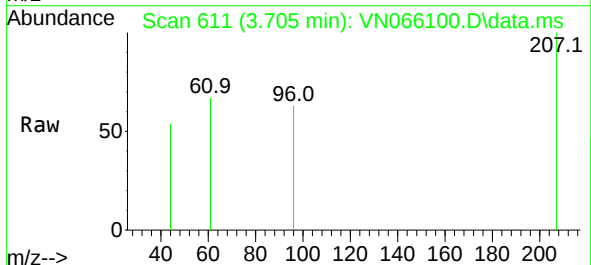
Instrument :
MSVOA_N
ClientSampled :



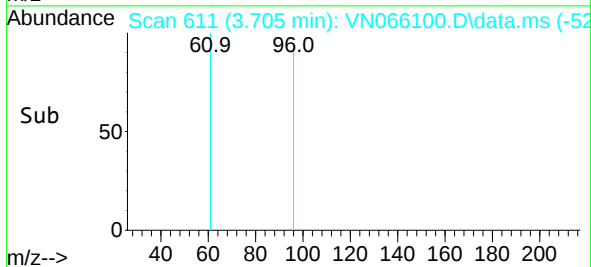
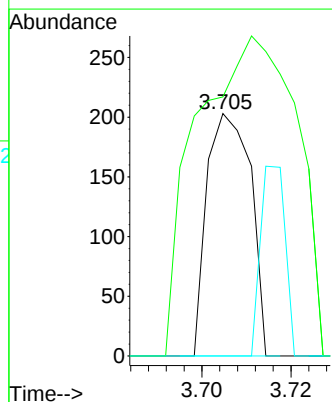
Tgt Ion:	142	Resp:	341
Ion	Ratio	Lower	Upper
142	100		
127	0.0	31.7	47.5#
141	0.0	10.9	16.3#

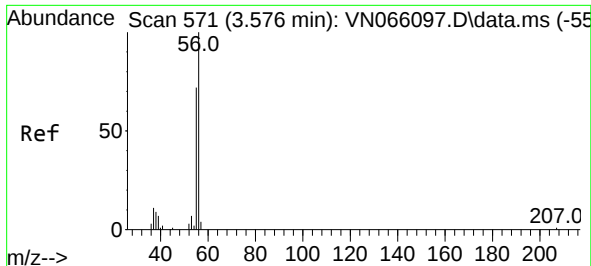


#12
1,1-Dichloroethene
Concen: 0.49 ug/l
RT: 3.705 min Scan# 611
Delta R.T. -0.006 min
Lab File: VN066100.D
Acq: 2 Mar 2021 14:06



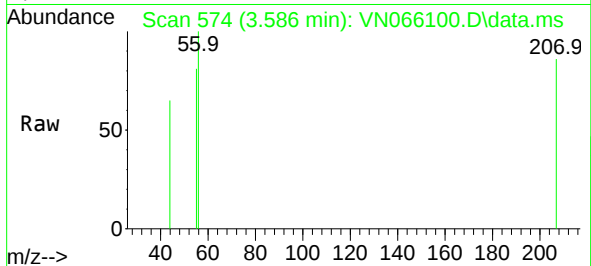
Tgt Ion:	96	Resp:	138
Ion	Ratio	Lower	Upper
96	100		
61	29.1	122.5	183.7#
98	0.0	50.8	76.2#



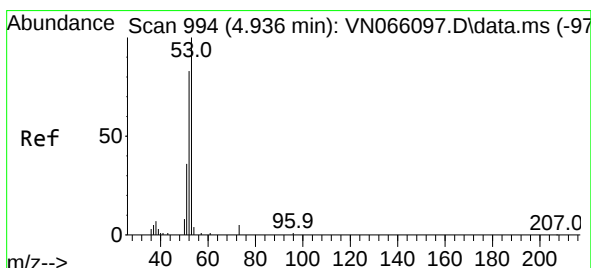
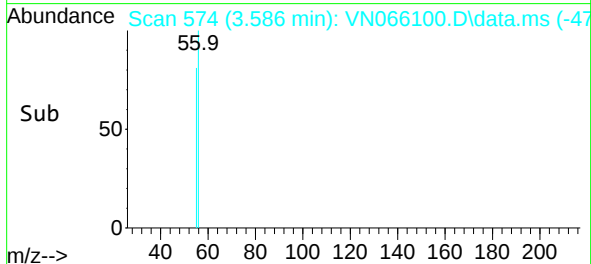
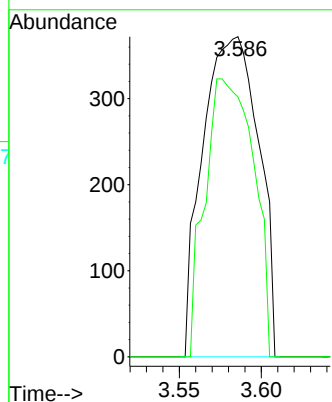


#13
Acrolein
Concen: 22.62 ug/l
RT: 3.586 min Scan# 574
Delta R.T. 0.010 min
Lab File: VN066100.D
Acq: 2 Mar 2021 14:06

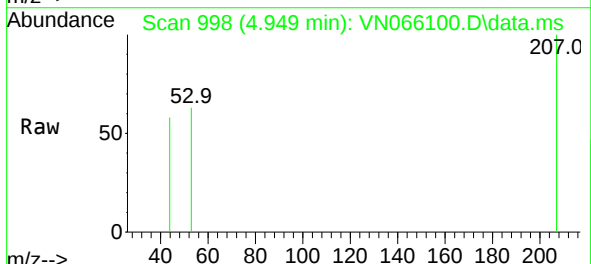
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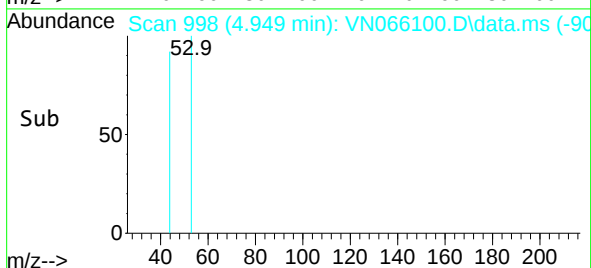
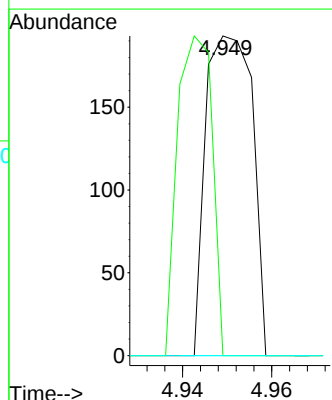
Tgt Ion: 56 Resp: 880
Ion Ratio Lower Upper
56 100
55 75.6 56.0 84.0

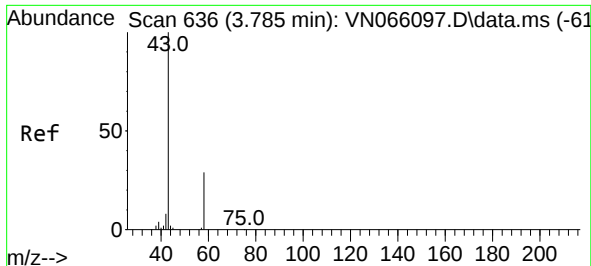


#15
Acrylonitrile
Concen: 1.13 ug/l
RT: 4.949 min Scan# 998
Delta R.T. 0.013 min
Lab File: VN066100.D
Acq: 2 Mar 2021 14:06



Tgt Ion: 53 Resp: 140
Ion Ratio Lower Upper
53 100
52 74.3 66.1 99.1
51 0.0 27.9 41.9#

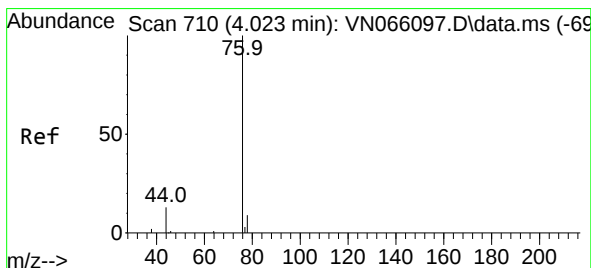
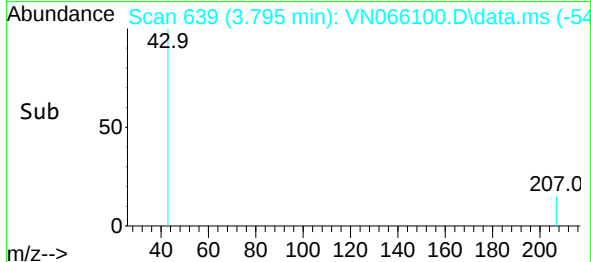
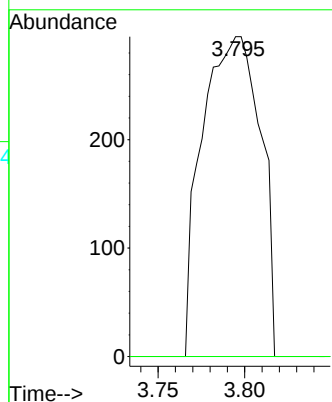
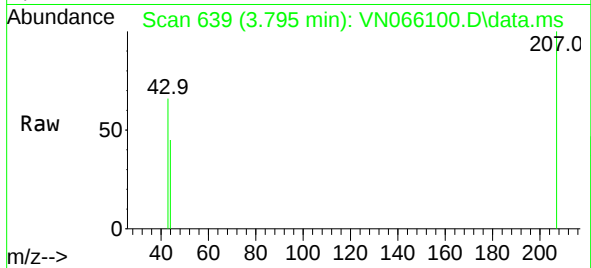




#16
Acetone
Concen: 5.60 ug/l
RT: 3.795 min Scan# 639
Delta R.T. 0.010 min
Lab File: VN066100.D
Acq: 2 Mar 2021 14:06

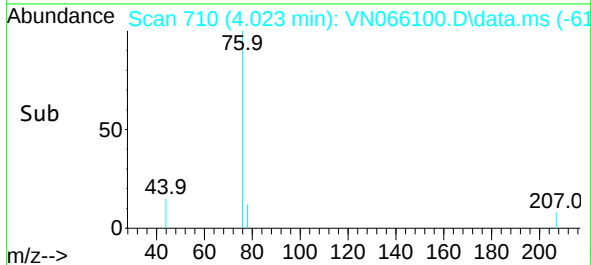
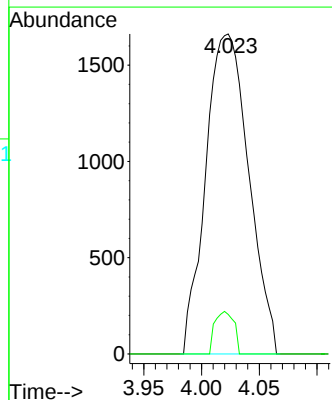
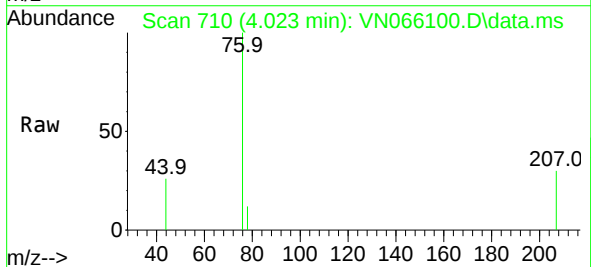
Instrument :
MSVOA_N
ClientSampled :

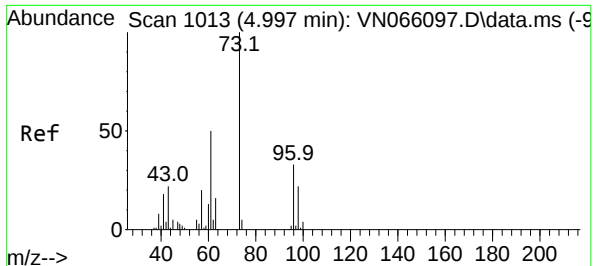
Tgt Ion: 43 Resp: 690
Ion Ratio Lower Upper
43 100
58 0.0 27.0 40.6#



#17
Carbon Disulfide
Concen: 5.25 ug/l
RT: 4.023 min Scan# 710
Delta R.T. 0.000 min
Lab File: VN066100.D
Acq: 2 Mar 2021 14:06

Tgt Ion: 76 Resp: 4316
Ion Ratio Lower Upper
76 100
78 12.3 7.8 11.6#

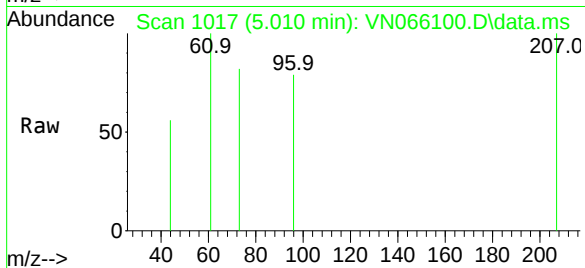




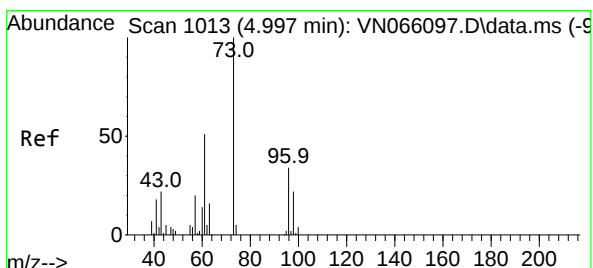
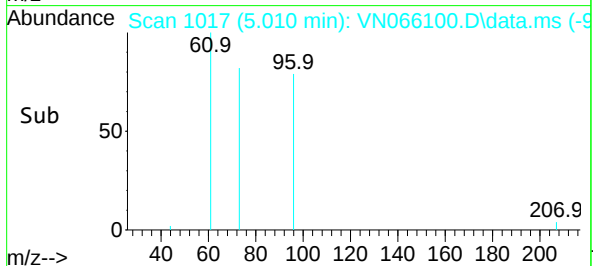
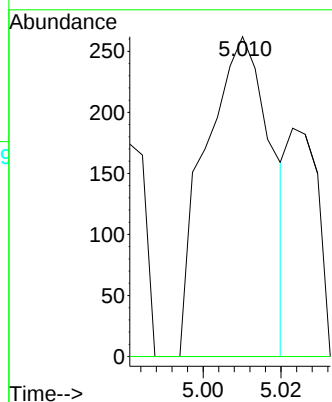
#19

Methyl tert-butyl Ether
Concen: 0.30 ug/l
RT: 5.010 min Scan# 1017
Delta R.T. 0.013 min
Lab File: VN066100.D
Acq: 2 Mar 2021 14:06

Instrument :
MSVOA_N
ClientSampled :

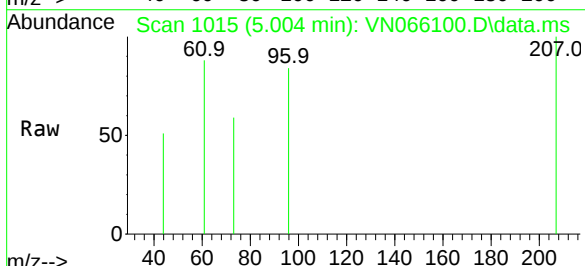


Tgt Ion: 73 Resp: 307
Ion Ratio Lower Upper
73 100
57 0.0 17.3 25.9#

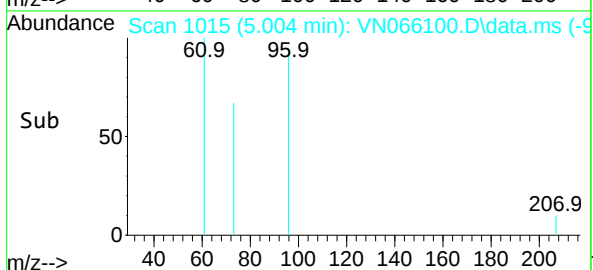
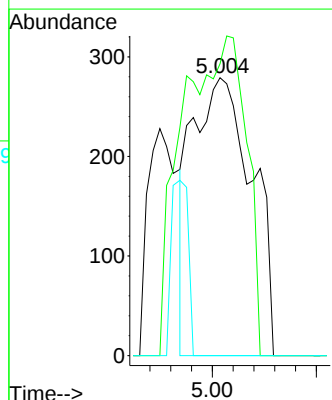


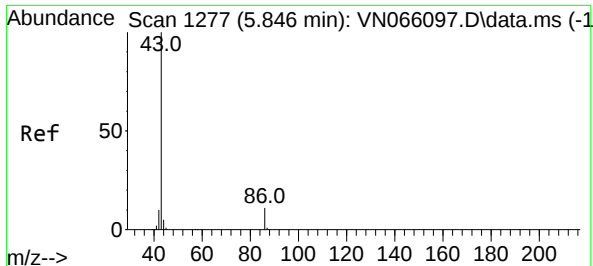
#21

trans-1,2-Dichloroethene
Concen: 1.93 ug/l
RT: 5.004 min Scan# 1015
Delta R.T. 0.007 min
Lab File: VN066100.D
Acq: 2 Mar 2021 14:06



Tgt Ion: 96 Resp: 560
Ion Ratio Lower Upper
96 100
61 105.0 104.9 157.3
98 0.0 51.8 77.8#





#23

Vinyl Acetate

Concen: 0.66 ug/l

RT: 5.840 min Scan# 1275

Delta R.T. -0.006 min

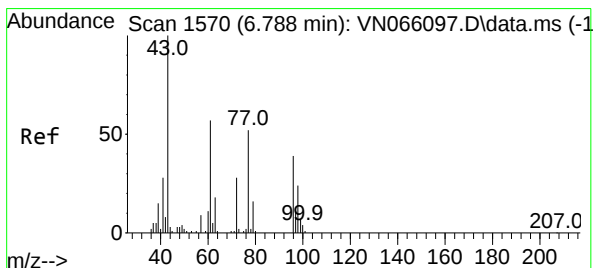
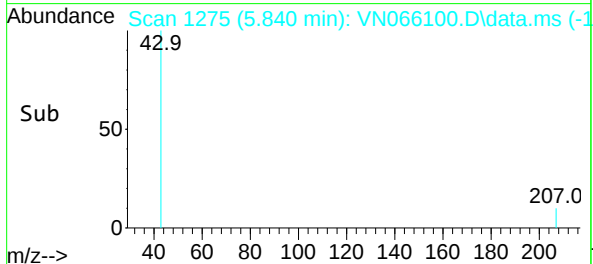
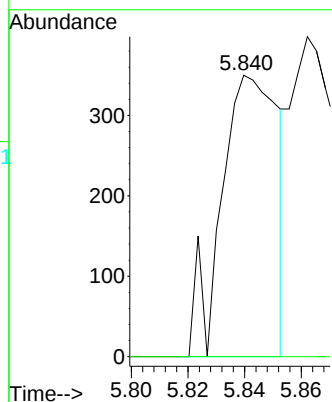
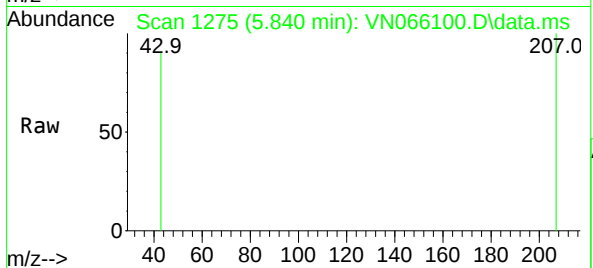
Lab File: VN066100.D

Acq: 2 Mar 2021 14:06

Tgt Ion: 43 Resp: 483

Ion Ratio Lower Upper

43 100
86 0.0 8.6 13.0#



#25

2-Butanone

Concen: 1.46 ug/l

RT: 6.791 min Scan# 1571

Delta R.T. 0.003 min

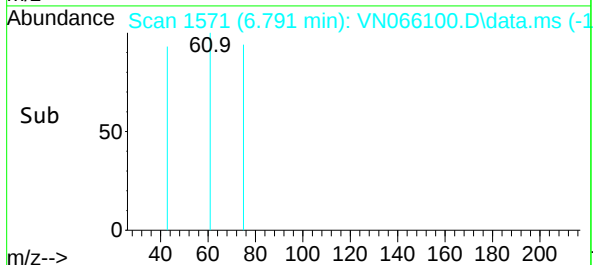
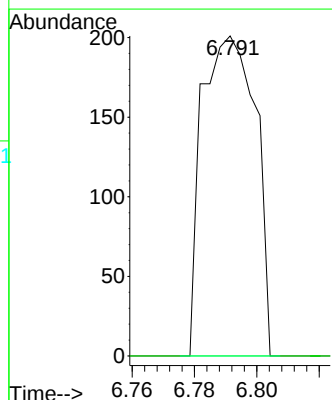
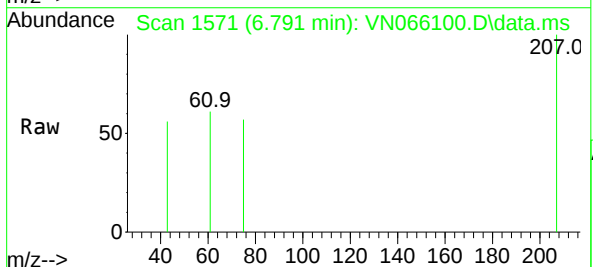
Lab File: VN066100.D

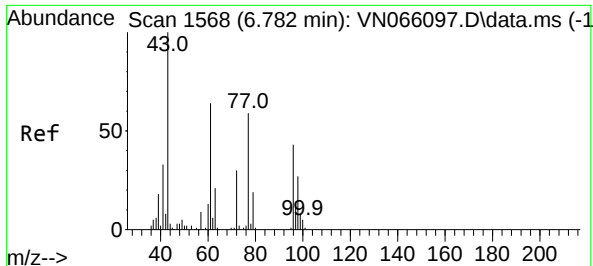
Acq: 2 Mar 2021 14:06

Tgt Ion: 43 Resp: 239

Ion Ratio Lower Upper

43 100
72 0.0 23.1 34.7#

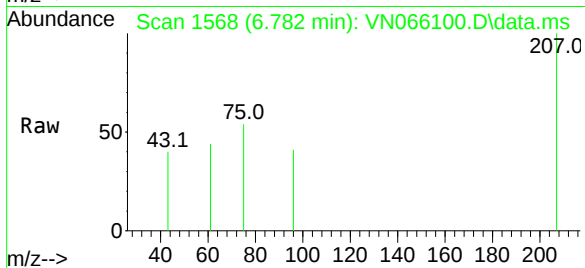




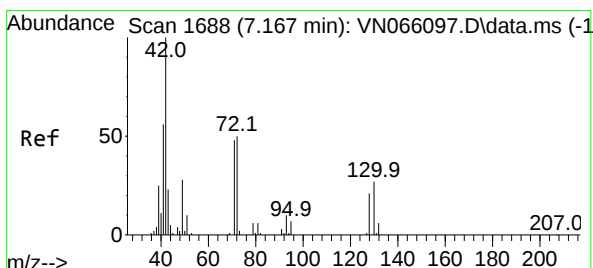
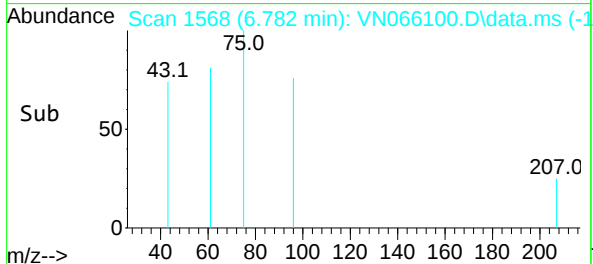
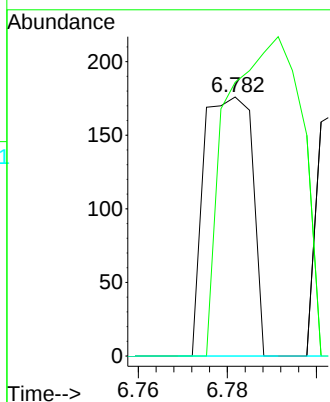
#27

cis-1,2-Dichloroethene
Concen: 0.38 ug/l
RT: 6.782 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VN066100.D
Acq: 2 Mar 2021 14:06

Instrument :
MSVOA_N
ClientSampled :

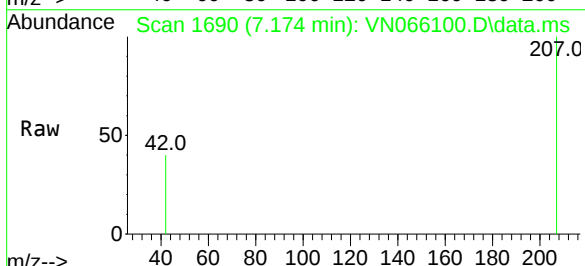


Tgt Ion:	96	Resp:	132
Ion	Ratio	Lower	Upper
96	100		
61	192.4	0.0	276.8
98	0.0	0.0	129.4

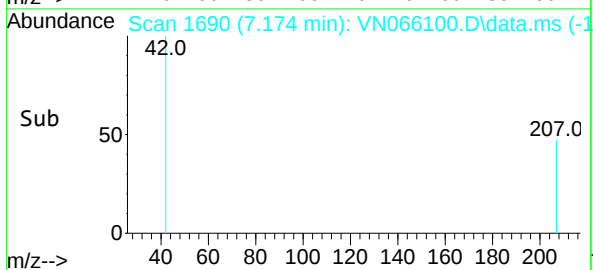
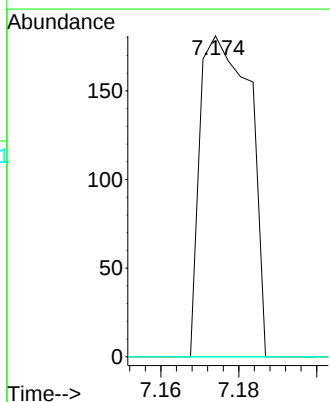


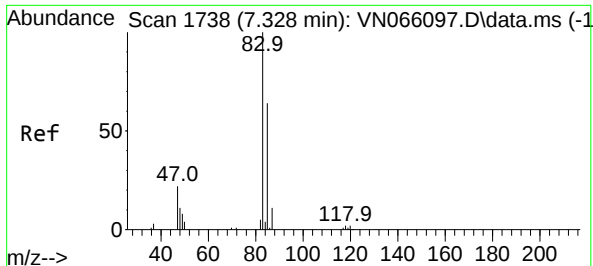
#29

Tetrahydrofuran
Concen: 1.52 ug/l
RT: 7.174 min Scan# 1690
Delta R.T. 0.007 min
Lab File: VN066100.D
Acq: 2 Mar 2021 14:06



Tgt Ion:	42	Resp:	160
Ion	Ratio	Lower	Upper
42	100		
72	0.0	36.6	55.0#
71	0.0	34.3	51.5#





#30

Chloroform

Concen: 0.31 ug/l

RT: 7.328 min Scan# 1738

Delta R.T. 0.000 min

Lab File: VN066100.D

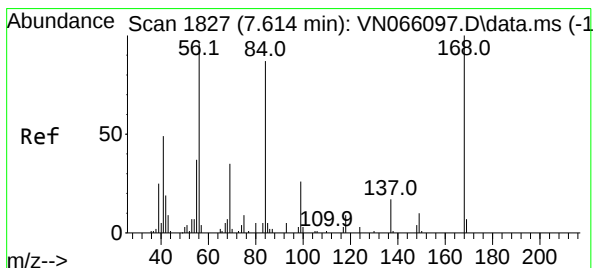
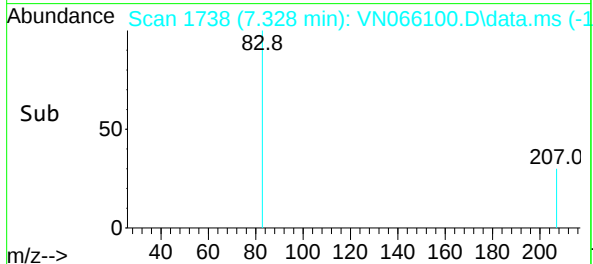
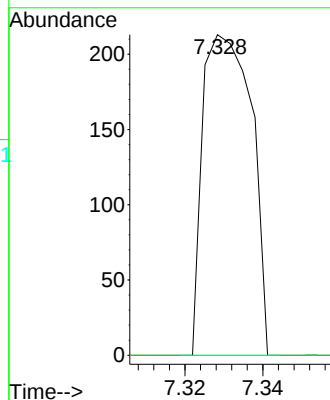
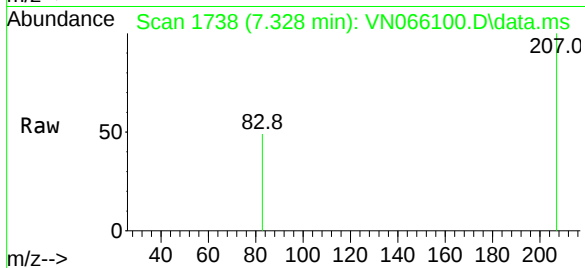
Acq: 2 Mar 2021 14:06

Tgt Ion: 83 Resp: 185

Ion Ratio Lower Upper

83 100

85 0.0 52.6 78.8#



#31

Cyclohexane

Concen: 1.21 ug/l

RT: 7.611 min Scan# 1826

Delta R.T. -0.003 min

Lab File: VN066100.D

Acq: 2 Mar 2021 14:06

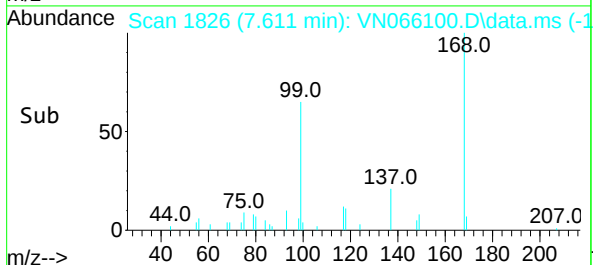
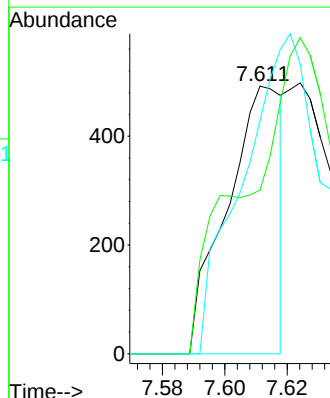
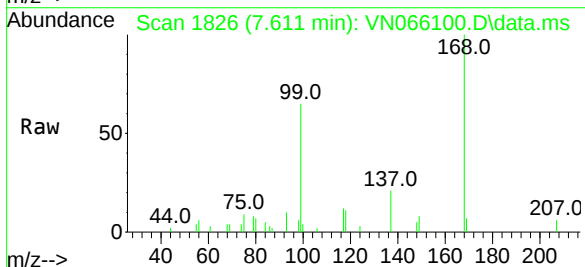
Tgt Ion: 56 Resp: 598

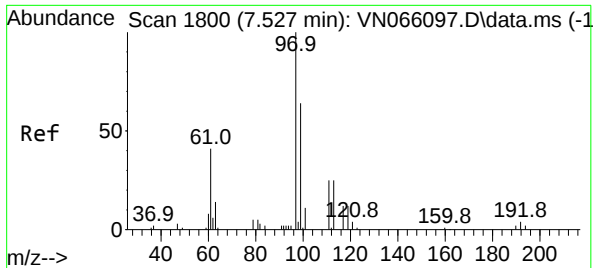
Ion Ratio Lower Upper

56 100

69 61.2 26.6 39.8#

84 87.2 70.4 105.6

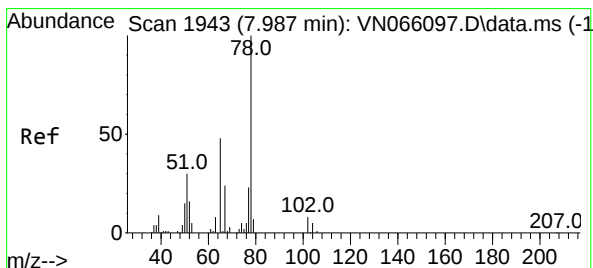
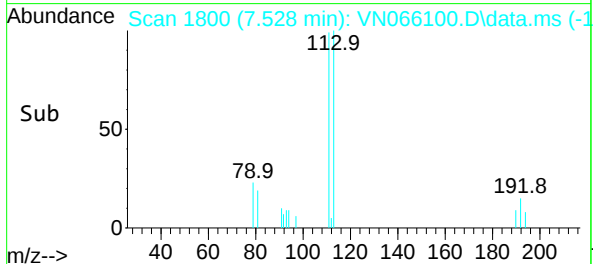
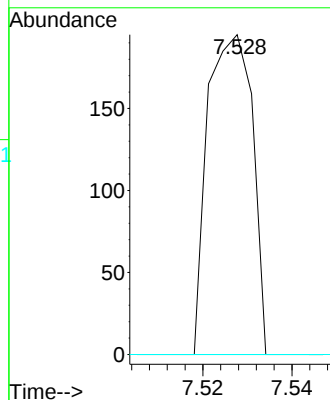
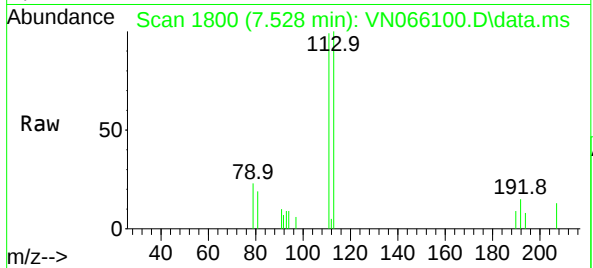




#32
1,1,1-Trichloroethane
Concen: 0.24 ug/l
RT: 7.528 min Scan# 1800
Delta R.T. 0.001 min
Lab File: VN066100.D
Acq: 2 Mar 2021 14:06

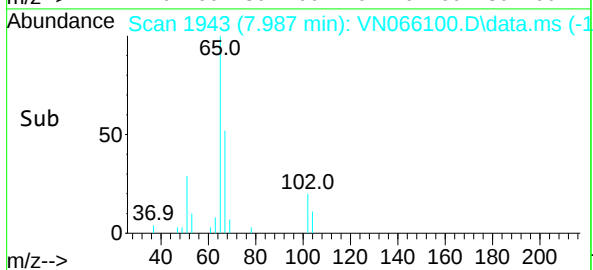
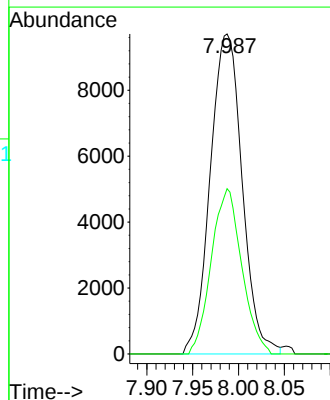
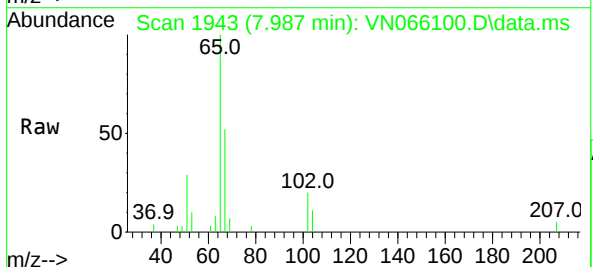
Instrument :
MSVOA_N
ClientSampleId :

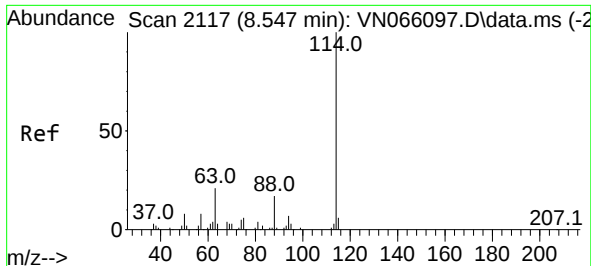
Tgt Ion:	97	Resp:	136
Ion	Ratio	Lower	Upper
97	100		
99	0.0	50.8	76.2#
61	0.0	34.3	51.5#



#33
1,2-Dichloroethane-d4
Concen: 56.97 ug/l
RT: 7.987 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN066100.D
Acq: 2 Mar 2021 14:06

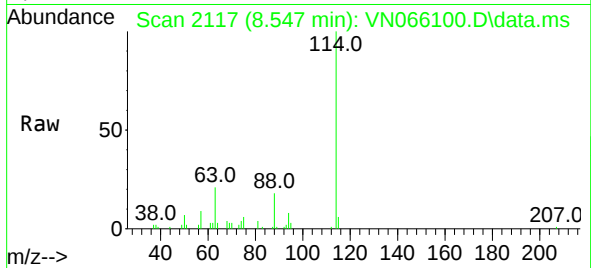
Tgt Ion:	65	Resp:	23491
Ion	Ratio	Lower	Upper
65	100		
67	49.2	0.0	107.2



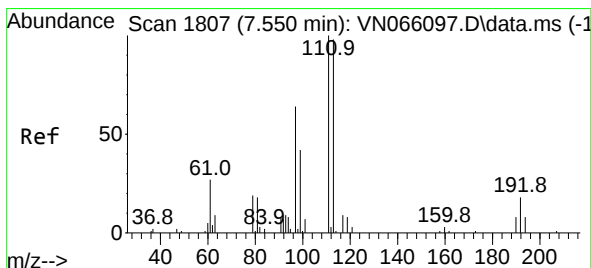
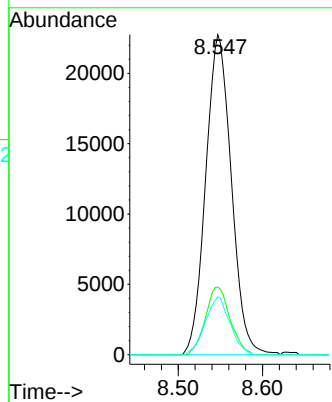
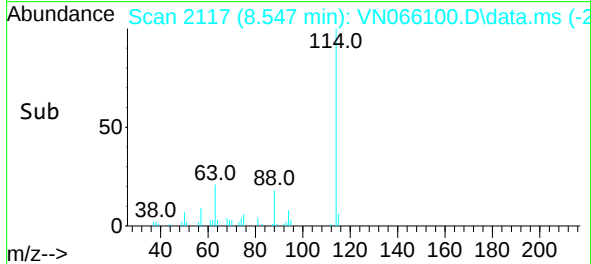


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.547 min Scan# 2117
Delta R.T. -0.000 min
Lab File: VN066100.D
Acq: 2 Mar 2021 14:06

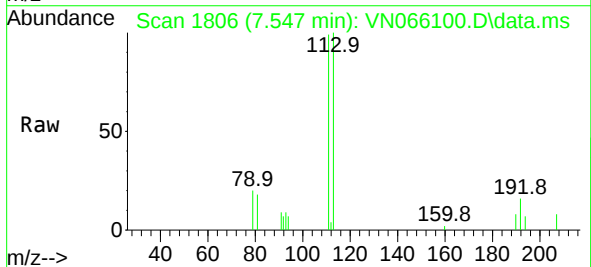
Instrument :
MSVOA_N
ClientSampled :



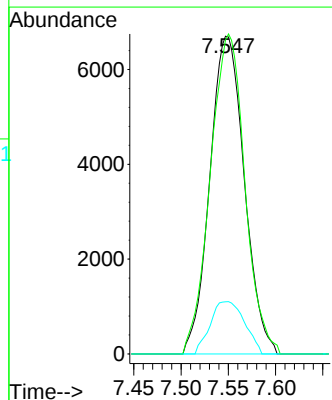
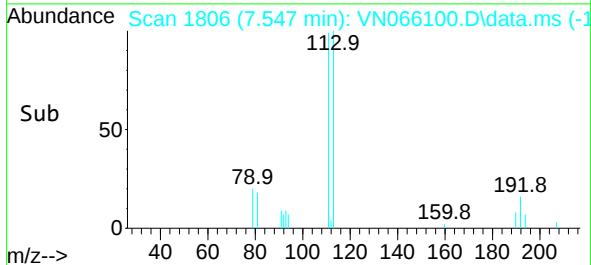
Tgt Ion:114 Resp: 48027
Ion Ratio Lower Upper
114 100
63 21.1 0.0 38.6
88 18.1 0.0 30.6

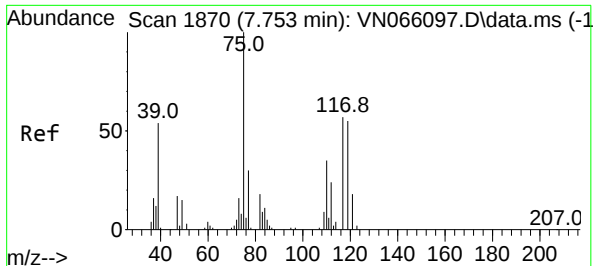


#35
Dibromofluoromethane
Concen: 55.87 ug/l
RT: 7.547 min Scan# 1806
Delta R.T. -0.003 min
Lab File: VN066100.D
Acq: 2 Mar 2021 14:06



Tgt Ion:113 Resp: 16992
Ion Ratio Lower Upper
113 100
111 100.9 82.2 123.2
192 16.4 15.4 23.0

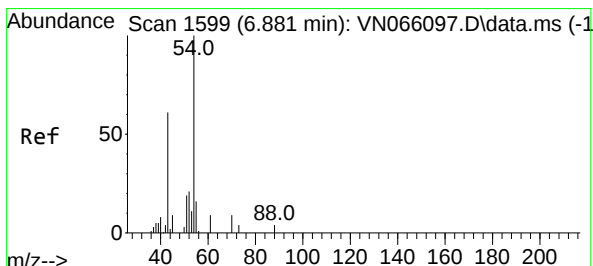
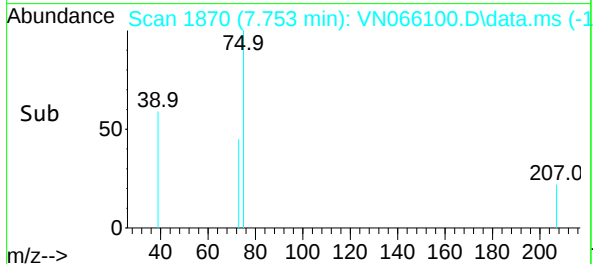
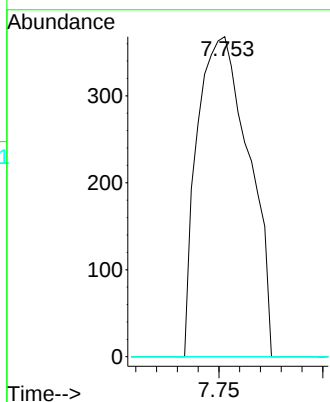
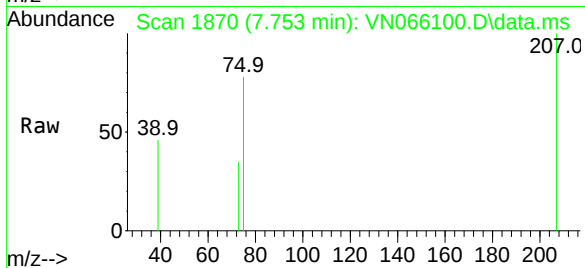




#36
1,1-Dichloropropene
Concen: 1.40 ug/l
RT: 7.753 min Scan# 1870
Delta R.T. -0.000 min
Lab File: VN066100.D
Acq: 2 Mar 2021 14:06

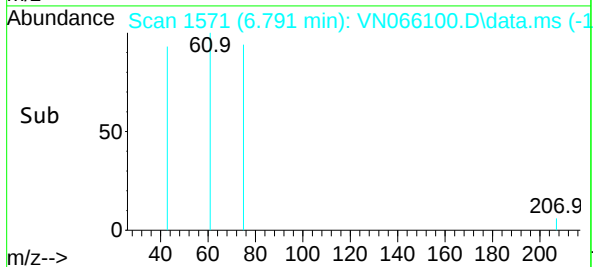
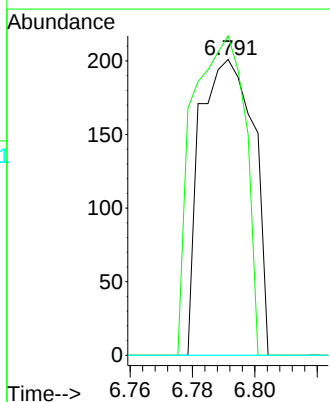
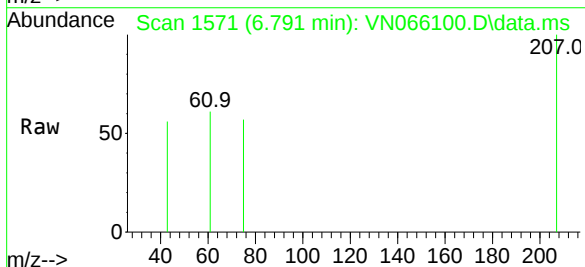
Instrument :
MSVOA_N
ClientSampled :

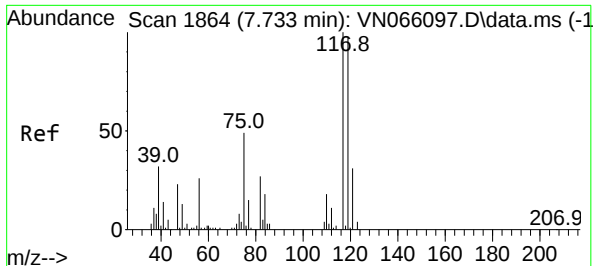
Tgt Ion: 75 Resp: 634
Ion Ratio Lower Upper
75 100
110 0.0 18.2 54.6#
77 0.0 24.9 37.3#



#37
Ethyl Acetate
Concen: 0.68 ug/l
RT: 6.791 min Scan# 1571
Delta R.T. -0.090 min
Lab File: VN066100.D
Acq: 2 Mar 2021 14:06

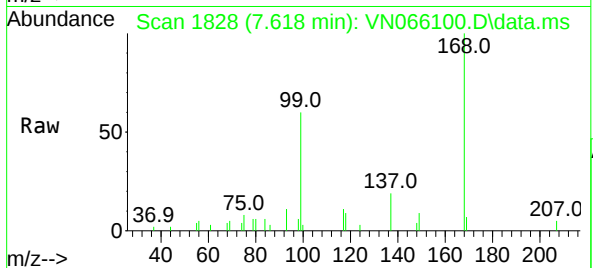
Tgt Ion: 43 Resp: 239
Ion Ratio Lower Upper
43 100
61 106.3 11.6 17.4#
70 0.0 8.6 13.0#



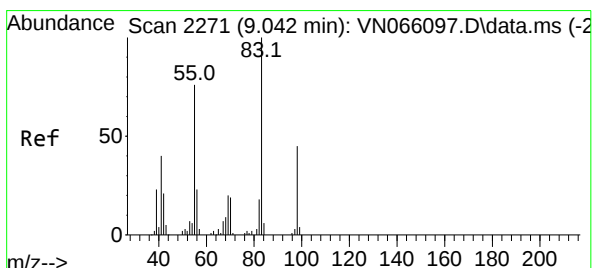
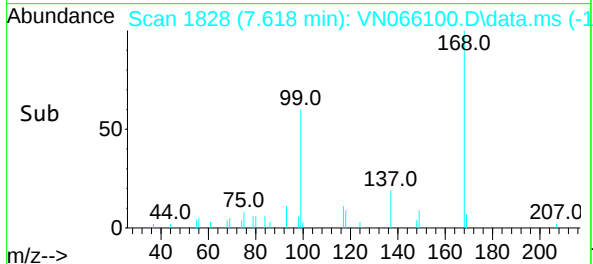
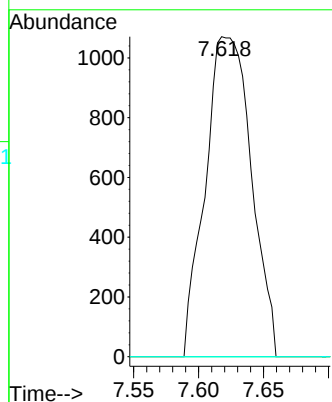


#38
Carbon Tetrachloride
Concen: 5.10 ug/l
RT: 7.618 min Scan# 1828
Delta R.T. -0.115 min
Lab File: VN066100.D
Acq: 2 Mar 2021 14:06

Instrument :
MSVOA_N
ClientSampled :

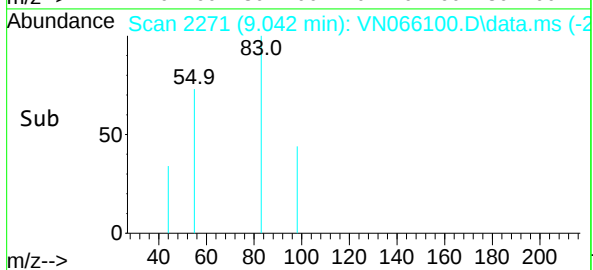
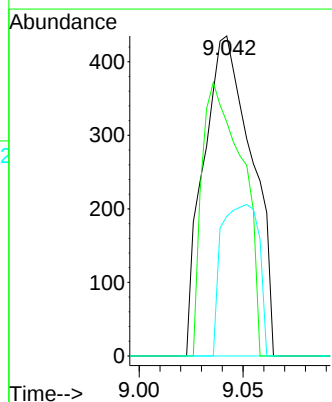
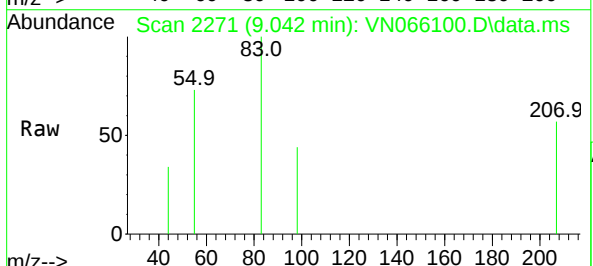


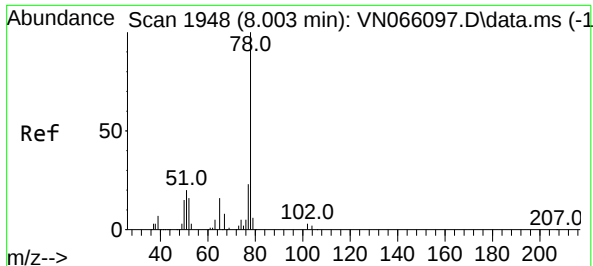
Tgt Ion: 117 Resp: 2645
Ion Ratio Lower Upper
117 100
119 0.0 76.0 114.0#
121 0.0 24.5 36.7#



#39
Methylcyclohexane
Concen: 1.44 ug/l
RT: 9.042 min Scan# 2271
Delta R.T. 0.000 min
Lab File: VN066100.D
Acq: 2 Mar 2021 14:06

Tgt Ion: 83 Resp: 703
Ion Ratio Lower Upper
83 100
55 73.1 58.9 88.3
98 43.7 35.9 53.9

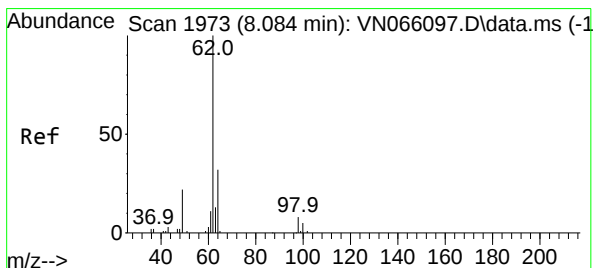
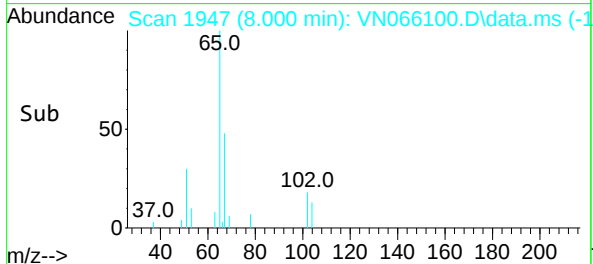
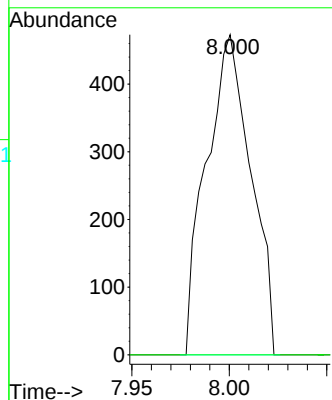
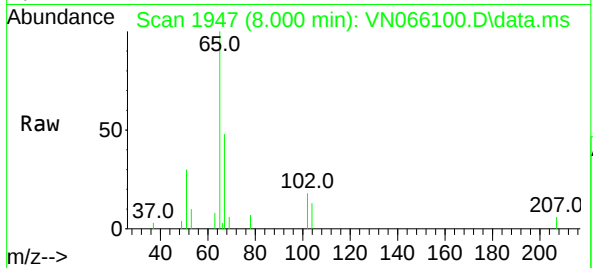




#40
Benzene
Concen: 0.56 ug/l
RT: 8.000 min Scan# 1947
Delta R.T. -0.003 min
Lab File: VN066100.D
Acq: 2 Mar 2021 14:06

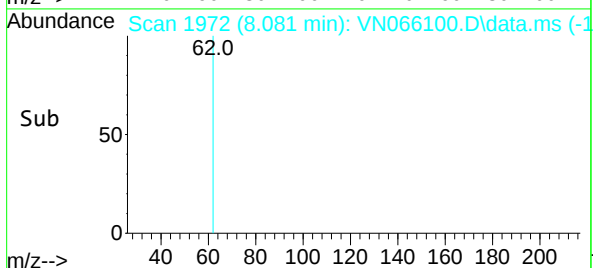
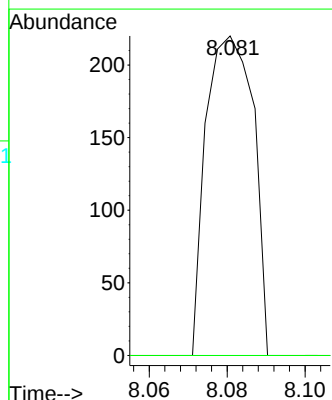
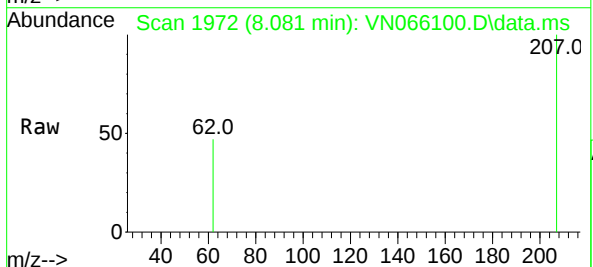
Instrument :
MSVOA_N
ClientSampled :

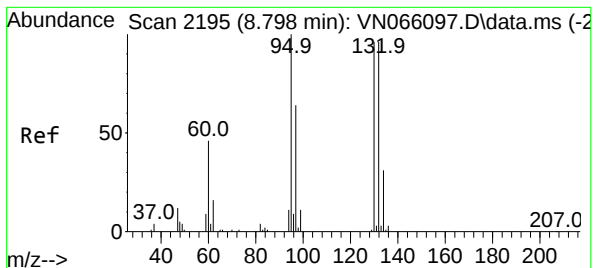
Tgt Ion: 78 Resp: 753
Ion Ratio Lower Upper
78 100
77 0.0 19.0 28.4#



#42
1,2-Dichloroethane
Concen: 0.35 ug/l
RT: 8.081 min Scan# 1972
Delta R.T. -0.003 min
Lab File: VN066100.D
Acq: 2 Mar 2021 14:06

Tgt Ion: 62 Resp: 186
Ion Ratio Lower Upper
62 100
98 0.0 0.0 18.6





#44

Trichloroethene

Concen: 1.06 ug/l

RT: 8.795 min Scan# 2194

Delta R.T. -0.003 min

Lab File: VN066100.D

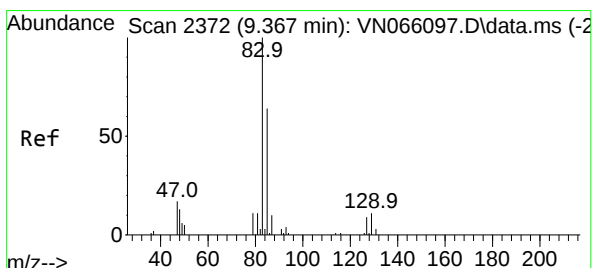
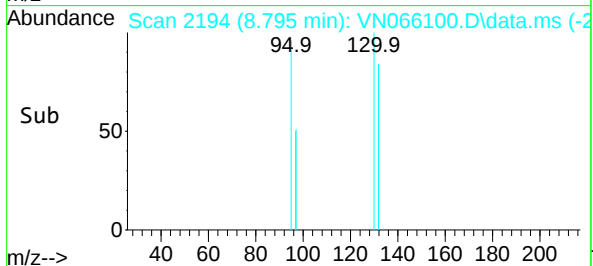
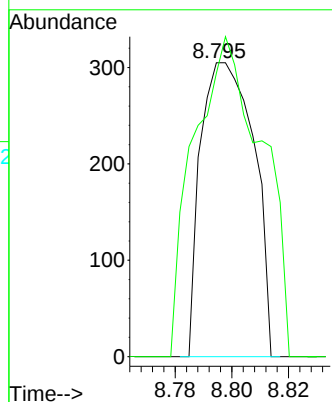
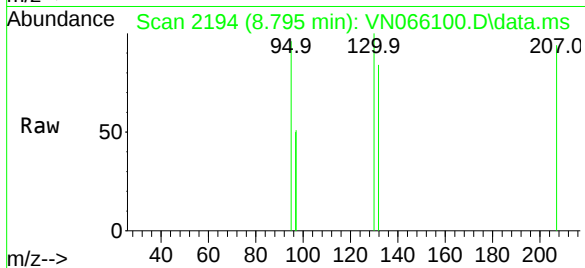
Acq: 2 Mar 2021 14:06

Tgt Ion:130 Resp: 395

Ion Ratio Lower Upper

130 100

95 47.2 0.0 199.6



#47

Bromodichloromethane

Concen: 0.24 ug/l

RT: 9.373 min Scan# 2374

Delta R.T. 0.006 min

Lab File: VN066100.D

Acq: 2 Mar 2021 14:06

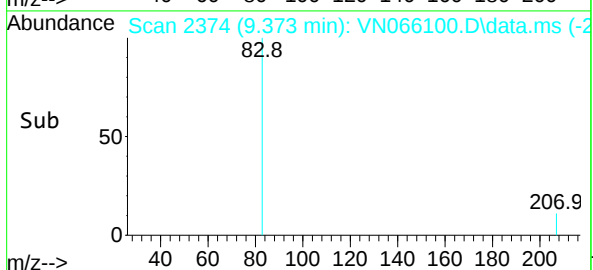
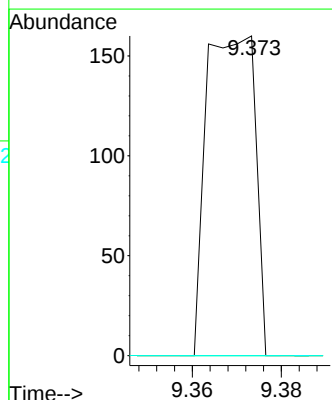
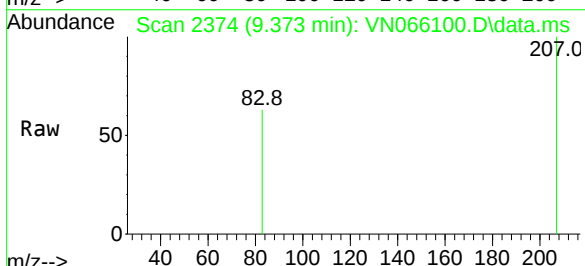
Tgt Ion: 83 Resp: 121

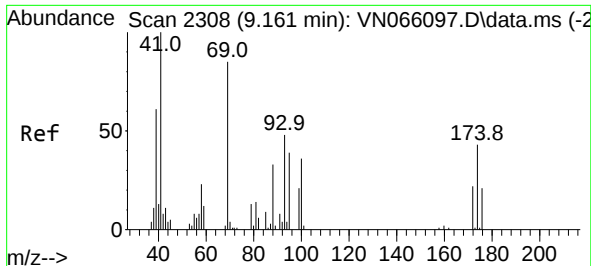
Ion Ratio Lower Upper

83 100

85 0.0 51.0 76.4#

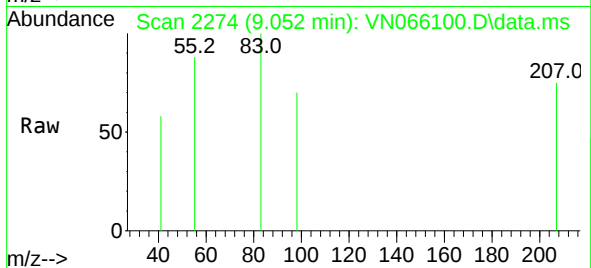
127 0.0 7.0 10.6#



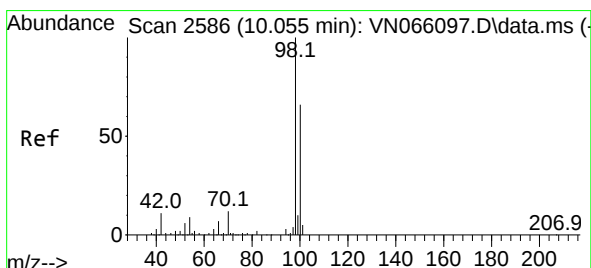
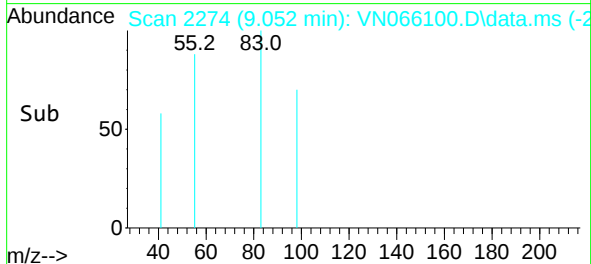
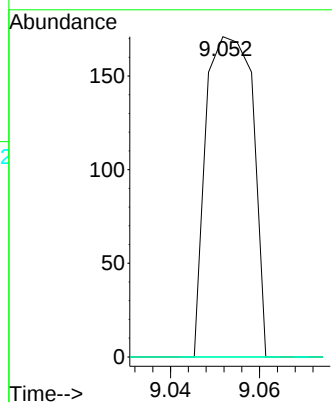


#48
Methyl methacrylate
Concen: 0.39 ug/l
RT: 9.052 min Scan# 2274
Delta R.T. -0.109 min
Lab File: VN066100.D
Acq: 2 Mar 2021 14:06

Instrument :
MSVOA_N
ClientSampled :

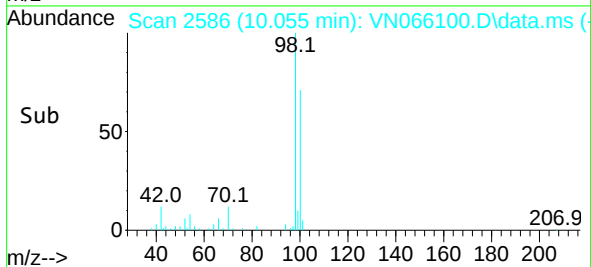
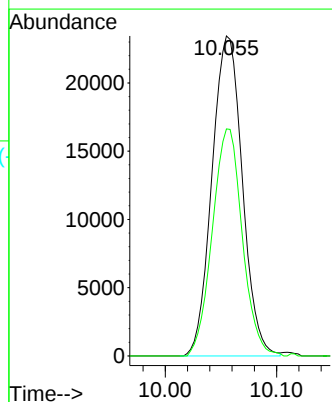
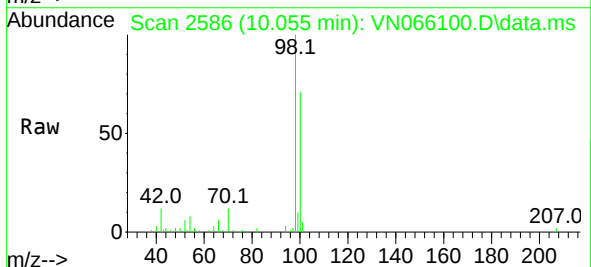


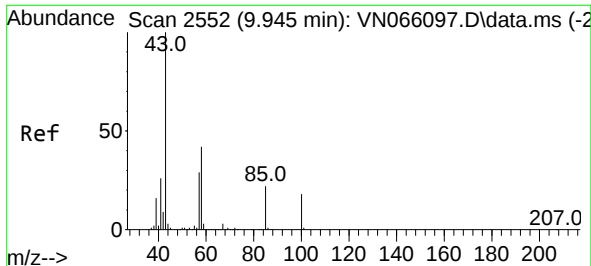
Tgt Ion: 41 Resp: 124
Ion Ratio Lower Upper
41 100
69 0.0 75.9 113.9#
39 0.0 46.6 69.8#



#50
Toluene-d8
Concen: 37.49 ug/l
RT: 10.055 min Scan# 2586
Delta R.T. -0.000 min
Lab File: VN066100.D
Acq: 2 Mar 2021 14:06

Tgt Ion: 98 Resp: 44411
Ion Ratio Lower Upper
98 100
100 69.9 50.5 75.7

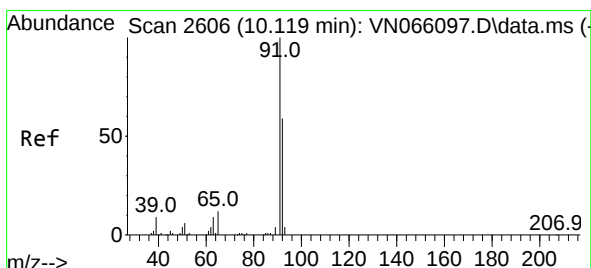
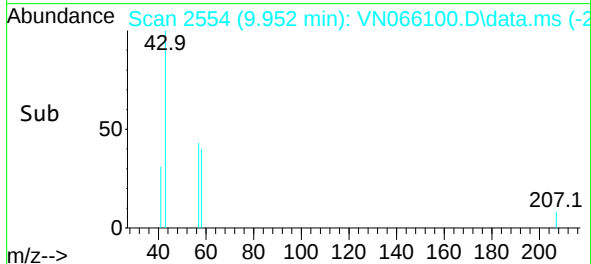
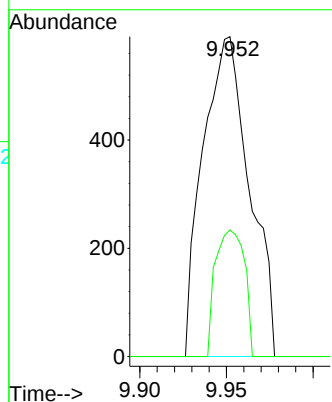
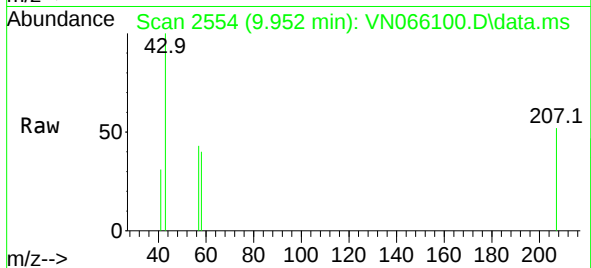




#51
4-Methyl-2-Pentanone
Concen: 3.06 ug/l
RT: 9.952 min Scan# 2554
Delta R.T. 0.007 min
Lab File: VN066100.D
Acq: 2 Mar 2021 14:06

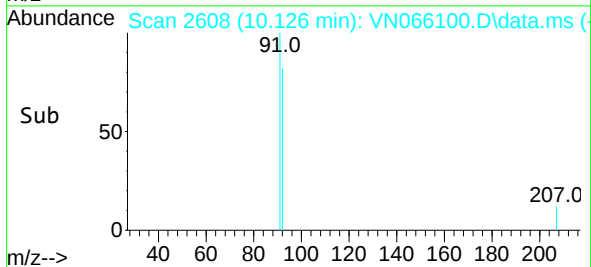
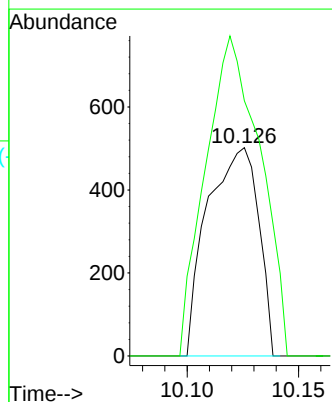
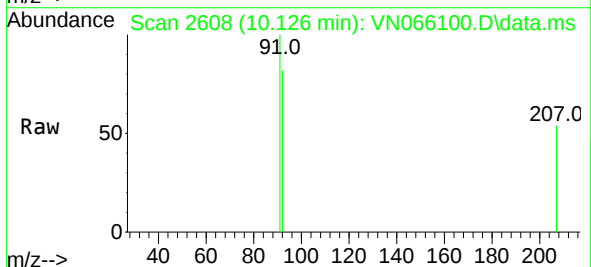
Instrument :
MSVOA_N
ClientSampled :

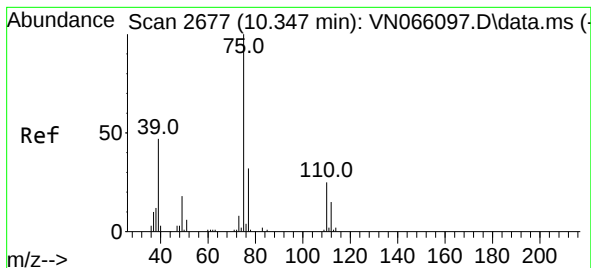
Tgt Ion: 43 Resp: 1104
Ion Ratio Lower Upper
43 100
58 24.6 32.5 48.7#



#52
Toluene
Concen: 0.93 ug/l
RT: 10.126 min Scan# 2608
Delta R.T. 0.007 min
Lab File: VN066100.D
Acq: 2 Mar 2021 14:06

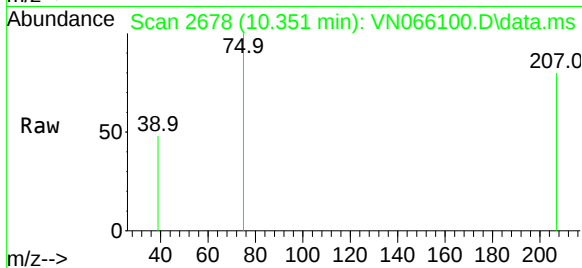
Tgt Ion: 92 Resp: 799
Ion Ratio Lower Upper
92 100
91 164.5 140.7 211.1



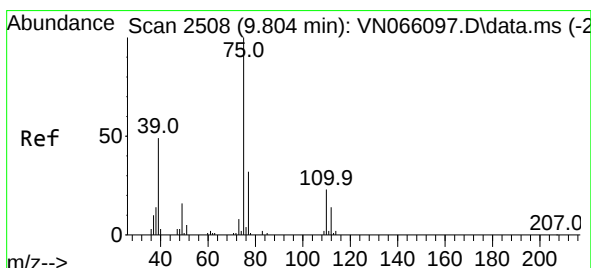
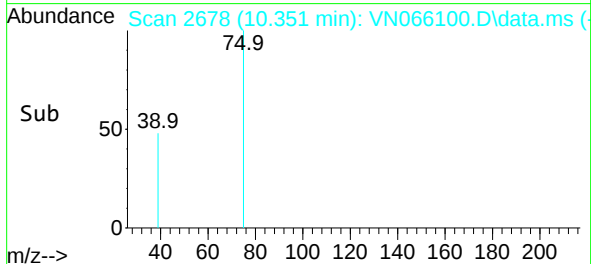
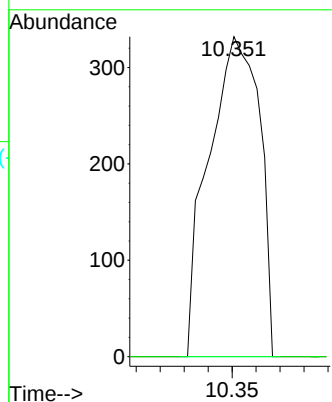


#53
t-1,3-Dichloropropene
Concen: 0.84 ug/l
RT: 10.351 min Scan# 2678
Delta R.T. 0.004 min
Lab File: VN066100.D
Acq: 2 Mar 2021 14:06

Instrument :
MSVOA_N
ClientSampled :

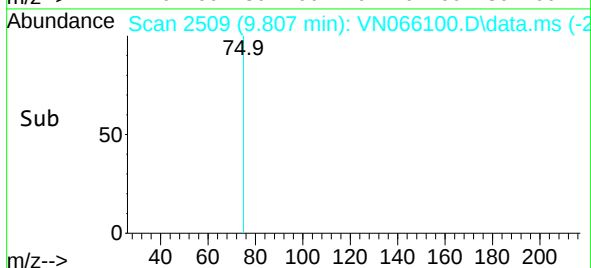
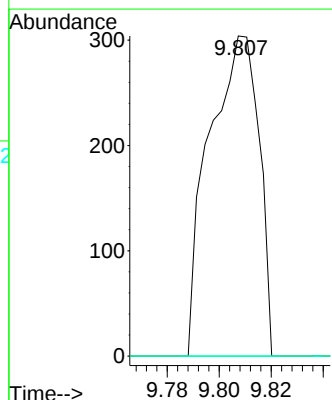
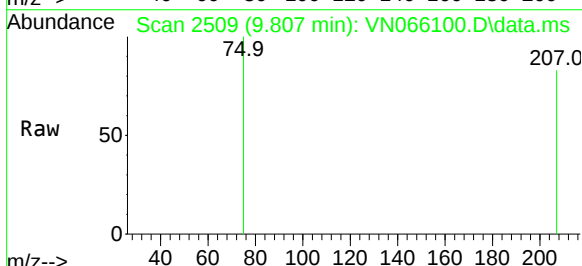


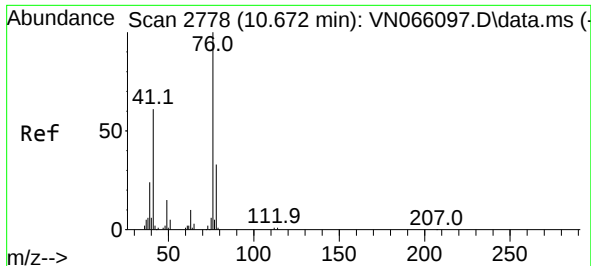
Tgt Ion: 75 Resp: 490
Ion Ratio Lower Upper
75 100
77 0.0 26.2 39.4#



#54
cis-1,3-Dichloropropene
Concen: 0.67 ug/l
RT: 9.807 min Scan# 2509
Delta R.T. 0.003 min
Lab File: VN066100.D
Acq: 2 Mar 2021 14:06

Tgt Ion: 75 Resp: 404
Ion Ratio Lower Upper
75 100
77 0.0 24.9 37.3#
39 0.0 36.2 54.4#

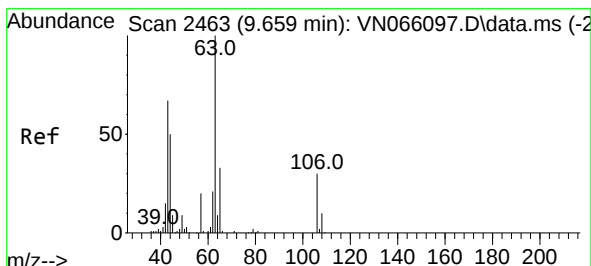
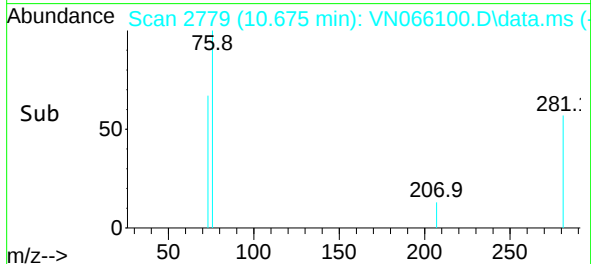
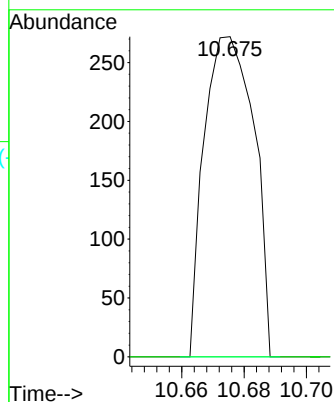
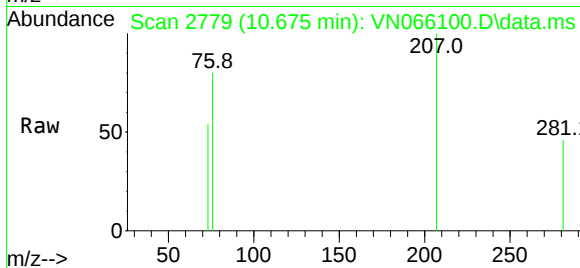




#57
1,3-Dichloropropane
Concen: 0.55 ug/l
RT: 10.675 min Scan# 2779
Delta R.T. 0.003 min
Lab File: VN066100.D
Acq: 2 Mar 2021 14:06

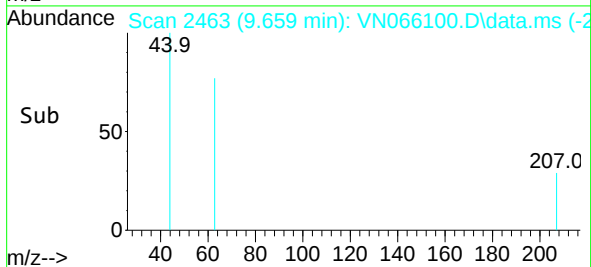
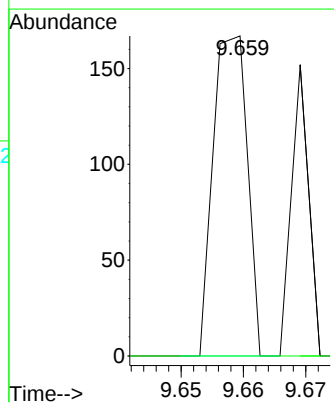
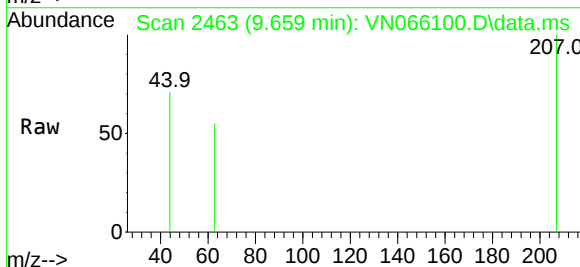
Instrument :
MSVOA_N
ClientSampled :

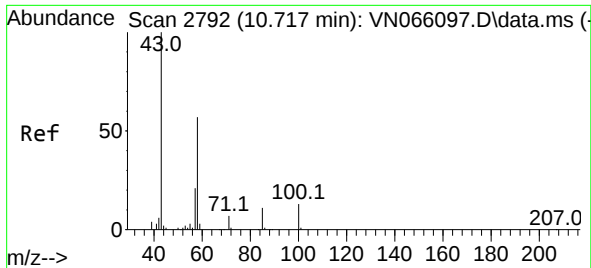
Tgt Ion: 76 Resp: 301
Ion Ratio Lower Upper
76 100
78 0.0 25.7 38.5#



#58
2-Chloroethyl Vinyl ether
Concen: 0.36 ug/l
RT: 9.659 min Scan# 2463
Delta R.T. 0.000 min
Lab File: VN066100.D
Acq: 2 Mar 2021 14:06

Tgt Ion: 63 Resp: 64
Ion Ratio Lower Upper
63 100
106 0.0 22.6 33.8#

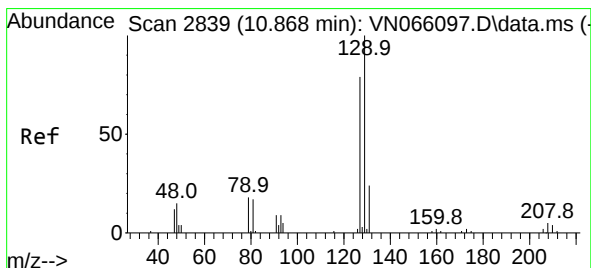
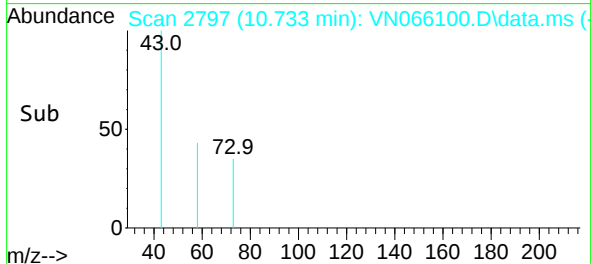
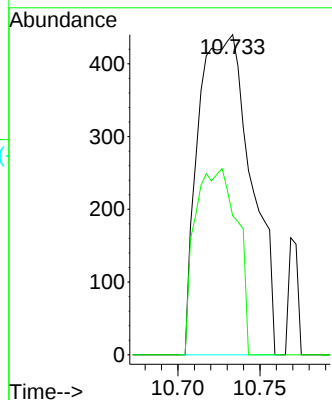
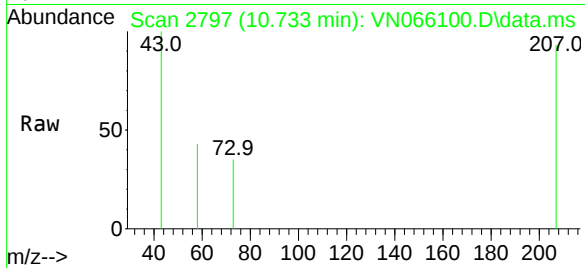




#59
2-Hexanone
Concen: 4.03 ug/l
RT: 10.733 min Scan# 2797
Delta R.T. 0.016 min
Lab File: VN066100.D
Acq: 2 Mar 2021 14:06

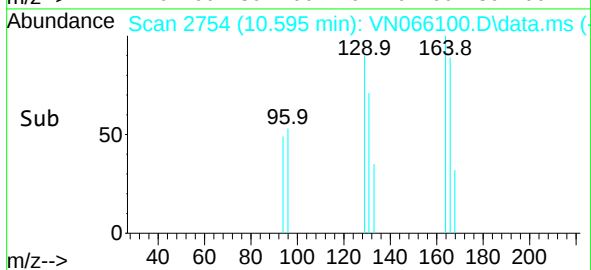
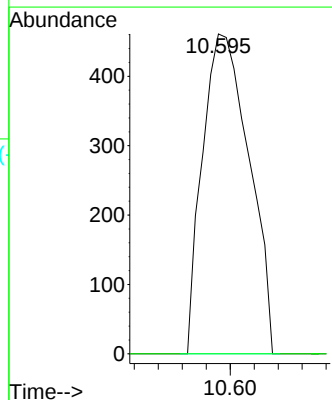
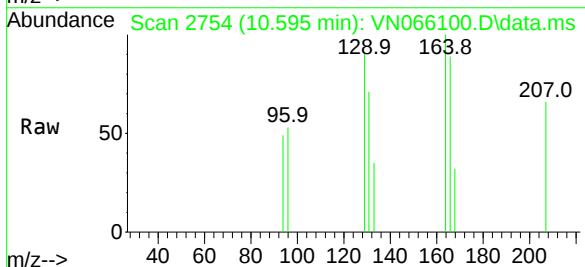
Instrument :
MSVOA_N
ClientSampled :

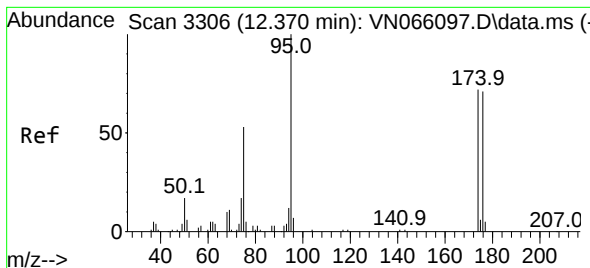
Tgt Ion: 43 Resp: 982
Ion Ratio Lower Upper
43 100
58 46.1 28.1 84.3



#60
Dibromochloromethane
Concen: 1.67 ug/l
RT: 10.595 min Scan# 2754
Delta R.T. -0.273 min
Lab File: VN066100.D
Acq: 2 Mar 2021 14:06

Tgt Ion: 129 Resp: 621
Ion Ratio Lower Upper
129 100
127 0.0 38.5 115.5#

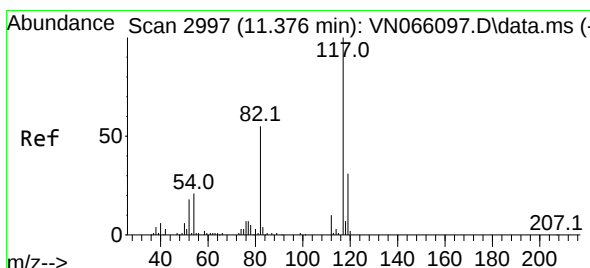
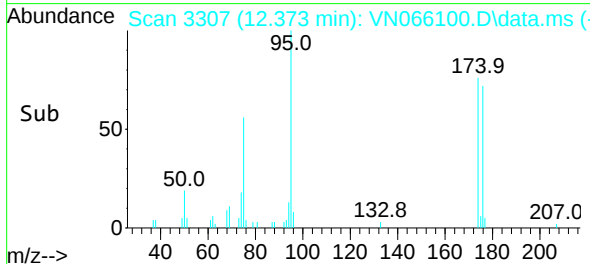
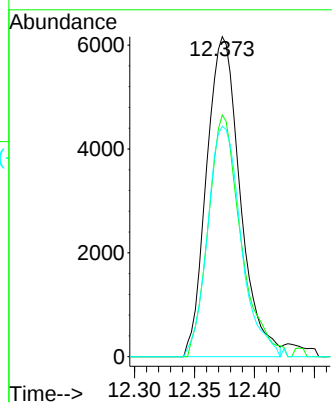
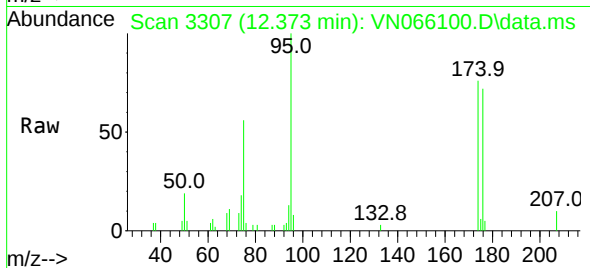




#62
4-Bromofluorobenzene
Concen: 26.26 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.003 min
Lab File: VN066100.D
Acq: 2 Mar 2021 14:06

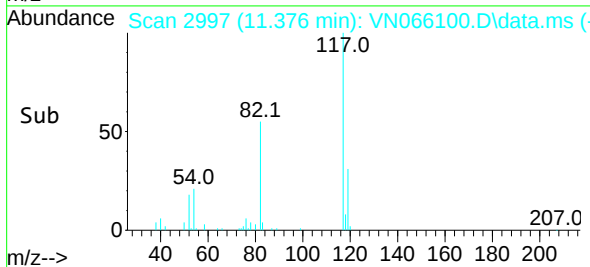
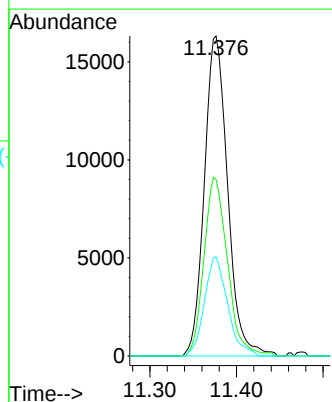
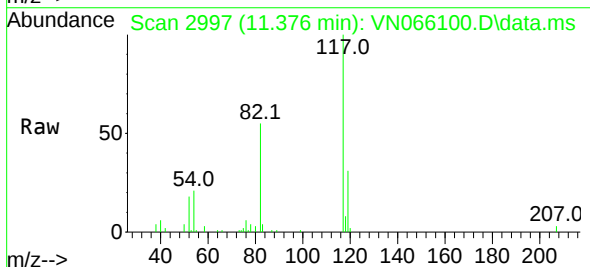
Instrument :
MSVOA_N
ClientSampleId :

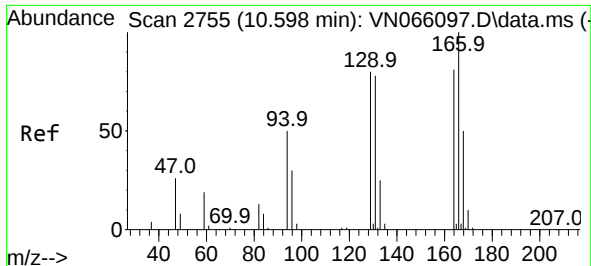
Tgt Ion: 95 Resp: 11981
Ion Ratio Lower Upper
95 100
174 73.2 0.0 169.0
176 71.8 0.0 162.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.376 min Scan# 2997
Delta R.T. 0.000 min
Lab File: VN066100.D
Acq: 2 Mar 2021 14:06

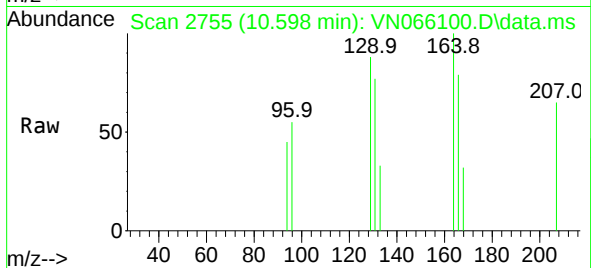
Tgt Ion: 117 Resp: 30502
Ion Ratio Lower Upper
117 100
82 55.2 43.7 65.5
119 31.1 26.1 39.1



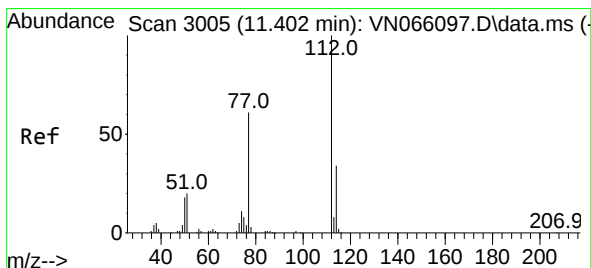
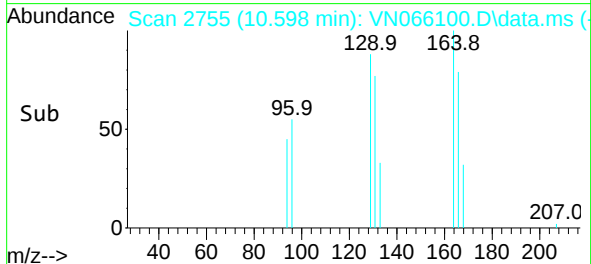
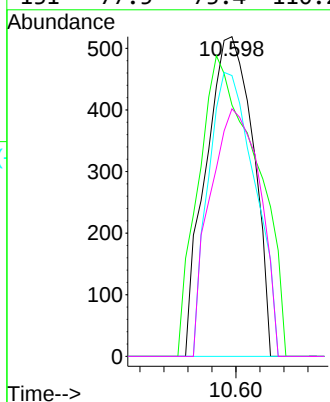


#64
Tetrachloroethene
Concen: 2.82 ug/l
RT: 10.598 min Scan# 2755
Delta R.T. 0.000 min
Lab File: VN066100.D
Acq: 2 Mar 2021 14:06

Instrument :
MSVOA_N
ClientSampled :

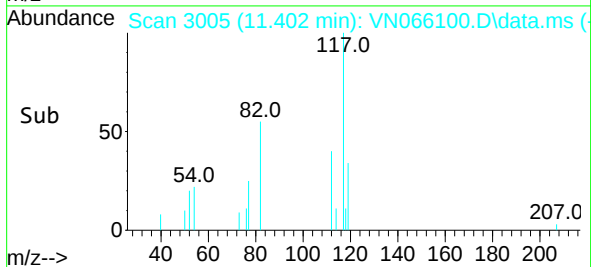
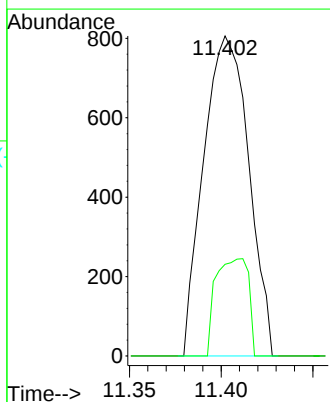
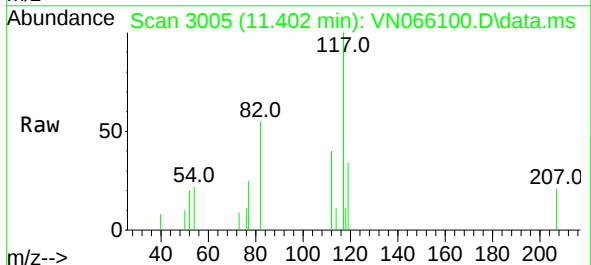


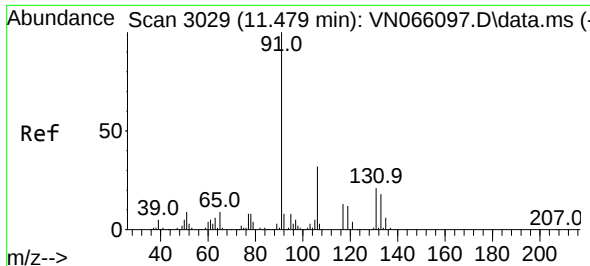
Tgt Ion:164 Resp: 709
Ion Ratio Lower Upper
164 100
166 78.6 102.6 154.0#
129 87.9 76.2 114.4
131 77.5 73.4 110.2



#65
Chlorobenzene
Concen: 2.17 ug/l
RT: 11.402 min Scan# 3005
Delta R.T. 0.000 min
Lab File: VN066100.D
Acq: 2 Mar 2021 14:06

Tgt Ion:112 Resp: 1380
Ion Ratio Lower Upper
112 100
114 28.7 26.1 39.1

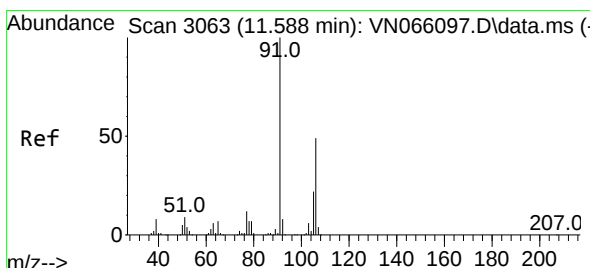
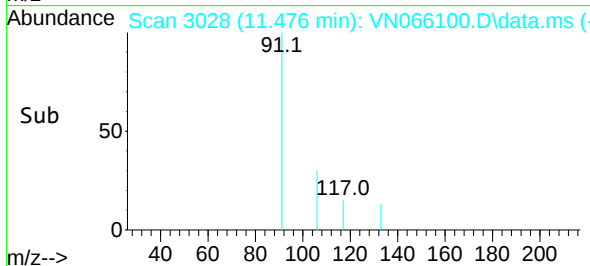
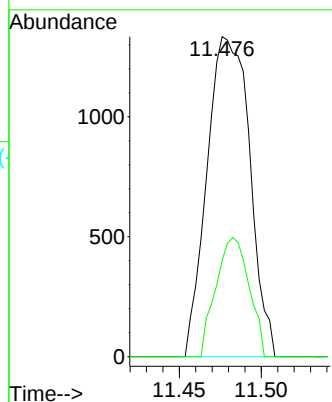
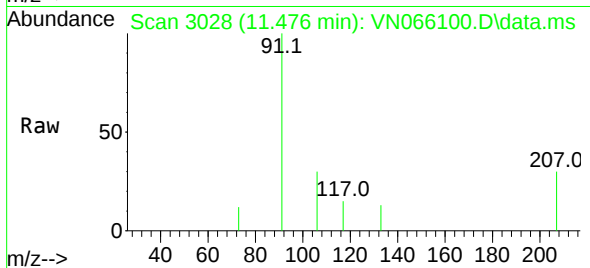




#67
Ethyl Benzene
Concen: 2.10 ug/l
RT: 11.476 min Scan# 3028
Delta R.T. -0.003 min
Lab File: VN066100.D
Acq: 2 Mar 2021 14:06

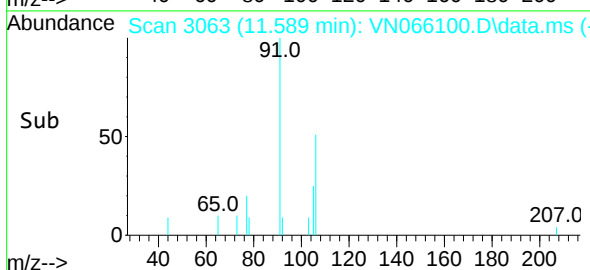
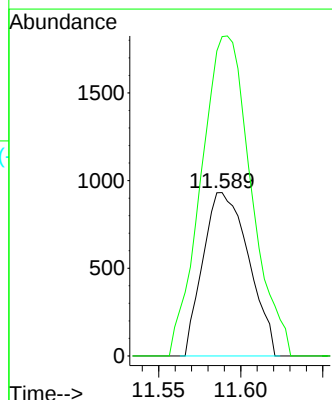
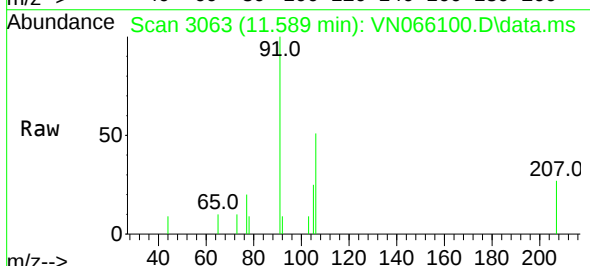
Instrument :
MSVOA_N
ClientSampled :

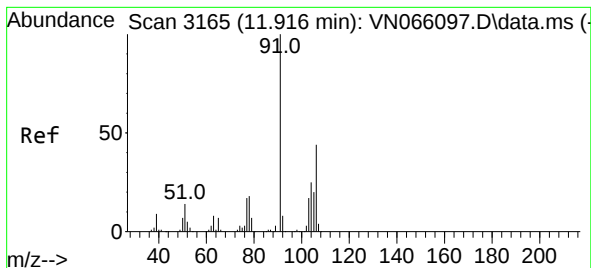
Tgt Ion: 91 Resp: 2410
Ion Ratio Lower Upper
91 100
106 30.1 25.5 38.3



#68
m/p-Xylenes
Concen: 4.06 ug/l
RT: 11.589 min Scan# 3063
Delta R.T. 0.001 min
Lab File: VN066100.D
Acq: 2 Mar 2021 14:06

Tgt Ion: 106 Resp: 1801
Ion Ratio Lower Upper
106 100
91 214.5 161.4 242.0





#69

o-Xylene

Concen: 1.19 ug/l

RT: 11.913 min Scan# 3164

Delta R.T. -0.003 min

Lab File: VN066100.D

Acq: 2 Mar 2021 14:06

Tgt Ion:106 Resp: 513

Ion Ratio Lower Upper

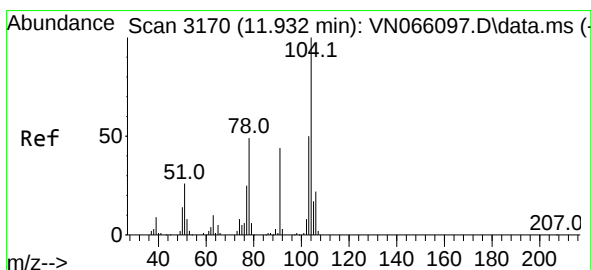
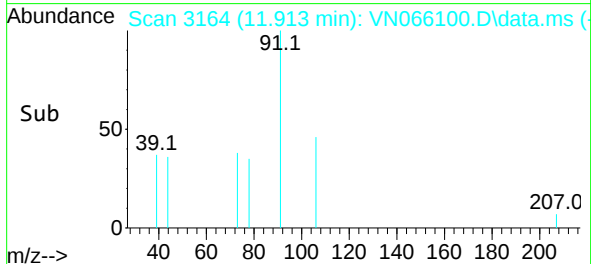
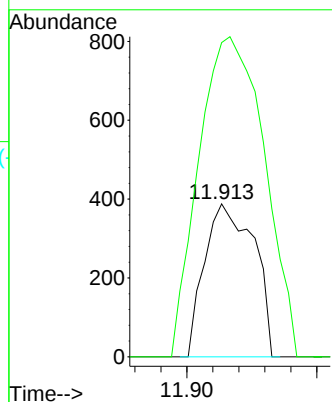
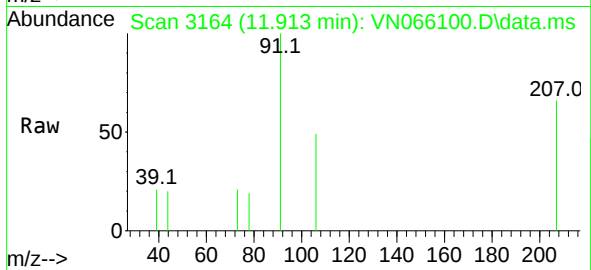
106 100

91 277.4 106.8 320.4

Instrument :

MSVOA_N

ClientSampled :



#70

Styrene

Concen: 1.70 ug/l

RT: 11.933 min Scan# 3170

Delta R.T. 0.001 min

Lab File: VN066100.D

Acq: 2 Mar 2021 14:06

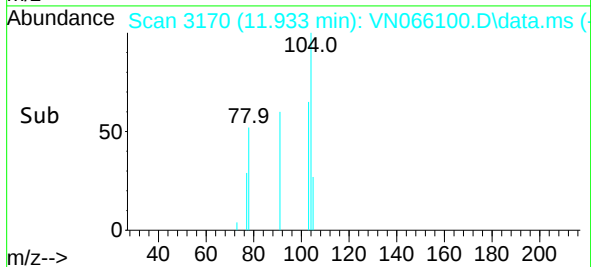
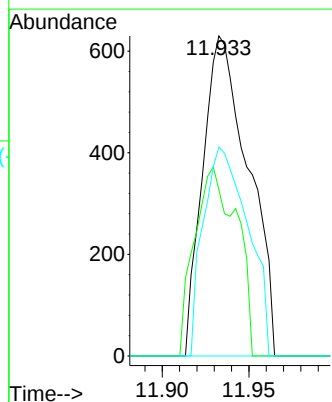
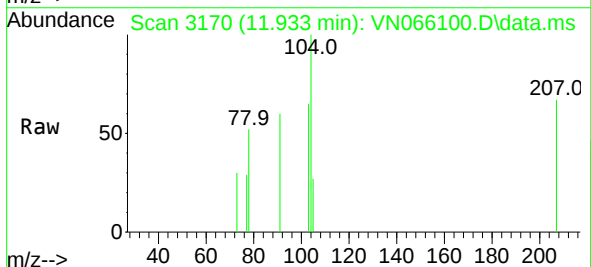
Tgt Ion:104 Resp: 1154

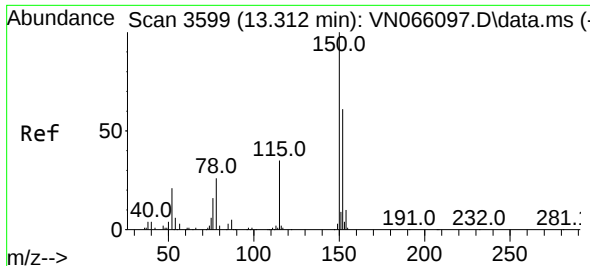
Ion Ratio Lower Upper

104 100

78 54.3 39.0 58.4

103 63.7 44.5 66.7

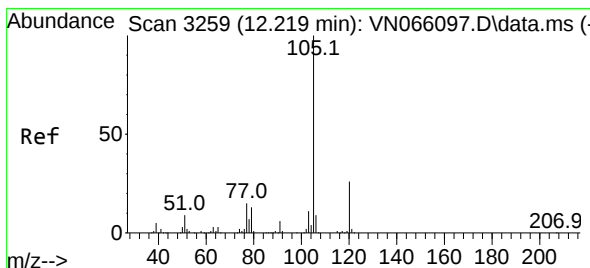
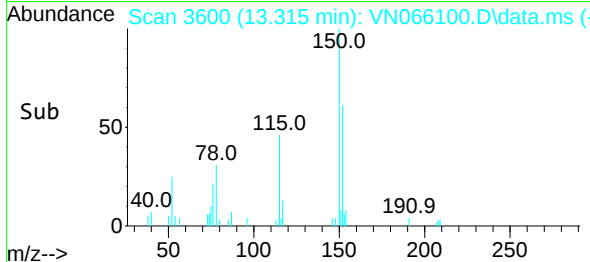
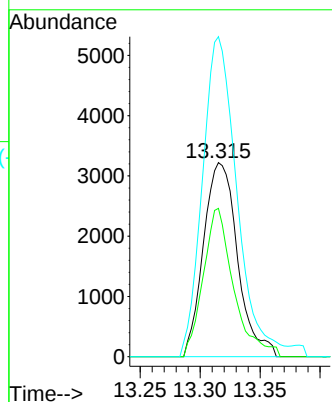
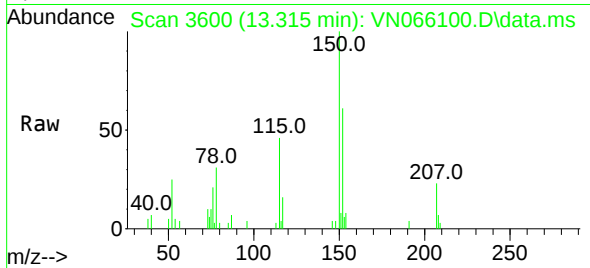




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.315 min Scan# 3600
Delta R.T. 0.003 min
Lab File: VN066100.D
Acq: 2 Mar 2021 14:06

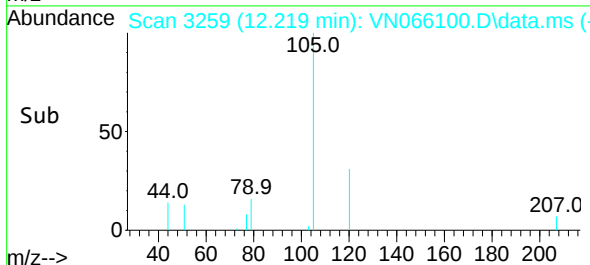
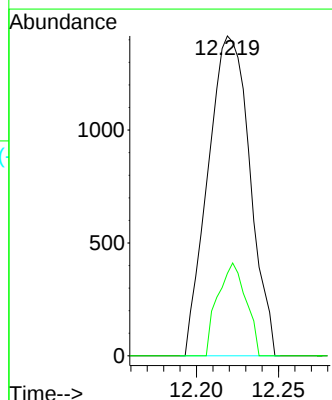
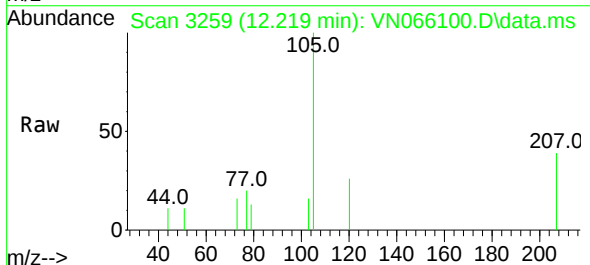
Instrument :
MSVOA_N
ClientSampled :

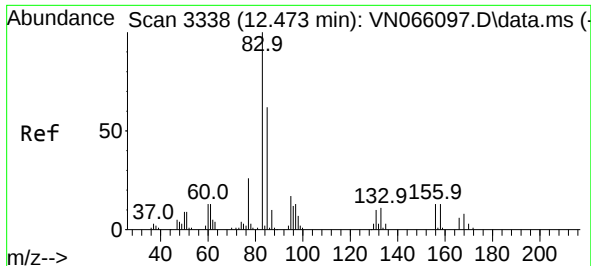
Tgt Ion:152 Resp: 6359
Ion Ratio Lower Upper
152 100
115 68.1 28.5 85.6
150 166.7 0.0 347.6



#73
Isopropylbenzene
Concen: 4.83 ug/l
RT: 12.219 min Scan# 3259
Delta R.T. -0.000 min
Lab File: VN066100.D
Acq: 2 Mar 2021 14:06

Tgt Ion:105 Resp: 2517
Ion Ratio Lower Upper
105 100
120 19.6 13.3 39.9

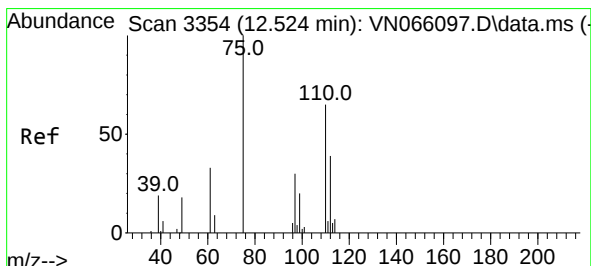
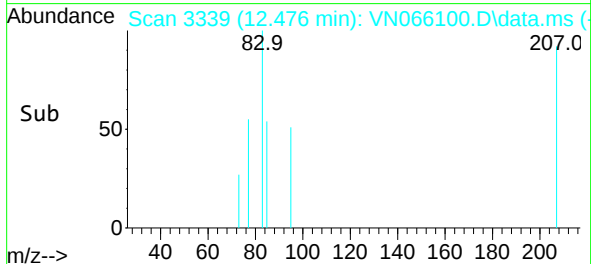
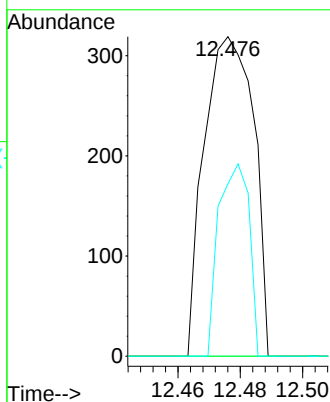
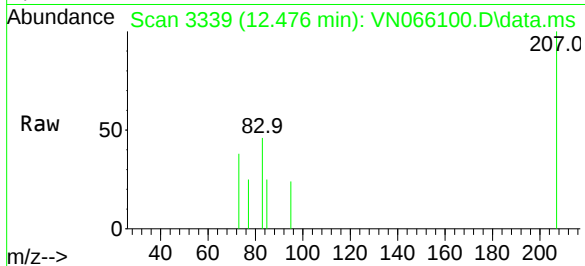




#75
1,1,2,2-Tetrachloroethane
Concen: 2.54 ug/l
RT: 12.476 min Scan# 3339
Delta R.T. 0.003 min
Lab File: VN066100.D
Acq: 2 Mar 2021 14:06

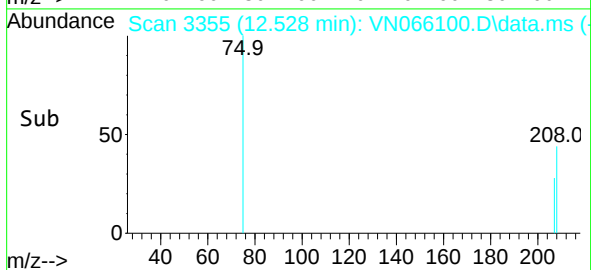
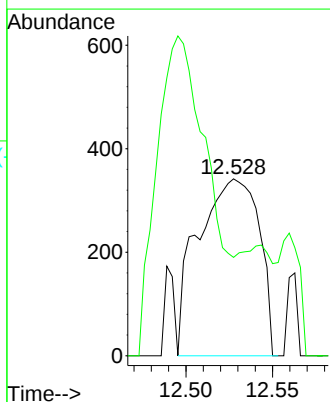
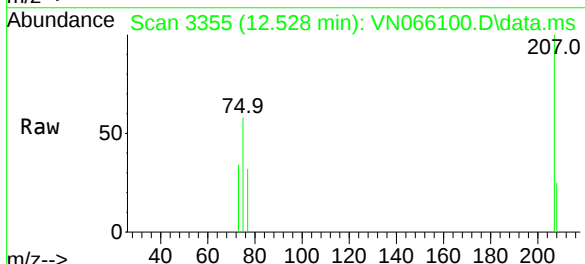
Instrument :
MSVOA_N
ClientSampled :

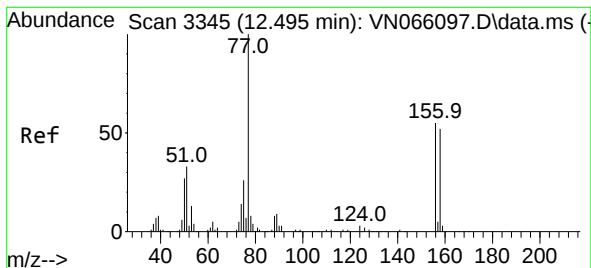
Tgt Ion: 83 Resp: 351
Ion Ratio Lower Upper
83 100
131 0.0 5.3 15.8#
85 37.3 32.0 96.0



#76
1,2,3-Trichloropropane
Concen: 5.98 ug/l
RT: 12.528 min Scan# 3355
Delta R.T. 0.004 min
Lab File: VN066100.D
Acq: 2 Mar 2021 14:06

Tgt Ion: 75 Resp: 839
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 4.28 ug/l

RT: 12.502 min Scan# 3347

Delta R.T. 0.007 min

Lab File: VN066100.D

Acq: 2 Mar 2021 14:06

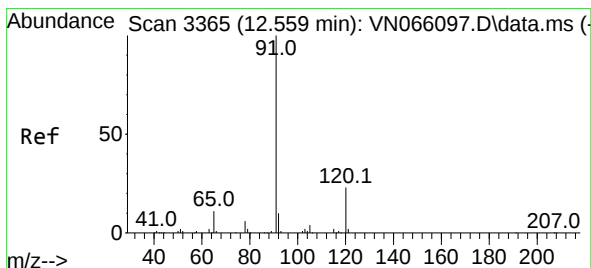
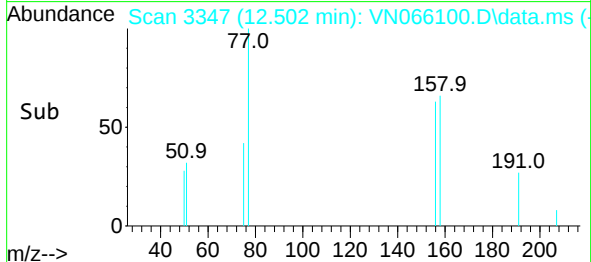
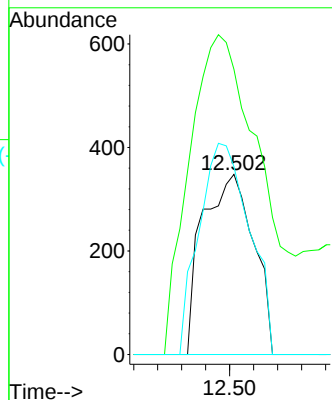
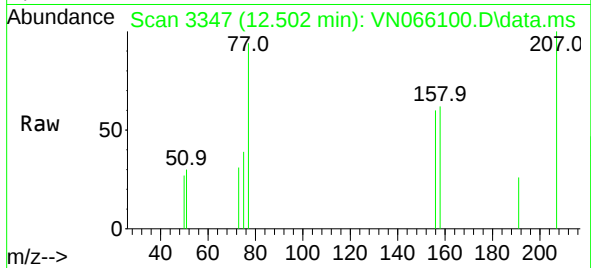
Tgt Ion:156 Resp: 514

Ion Ratio Lower Upper

156 100

77 251.4 96.3 288.8

158 116.1 49.0 147.0



#78

n-propylbenzene

Concen: 5.84 ug/l

RT: 12.560 min Scan# 3365

Delta R.T. 0.001 min

Lab File: VN066100.D

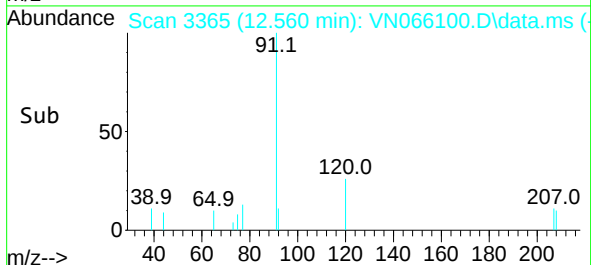
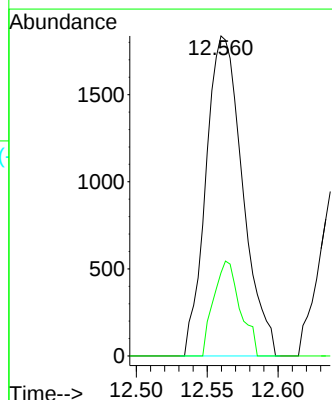
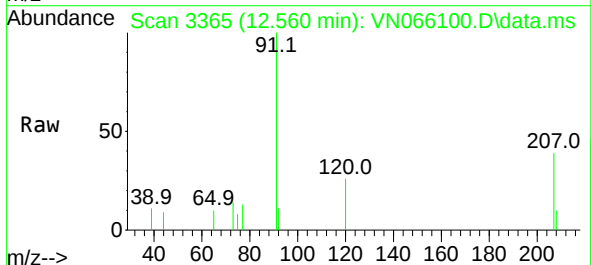
Acq: 2 Mar 2021 14:06

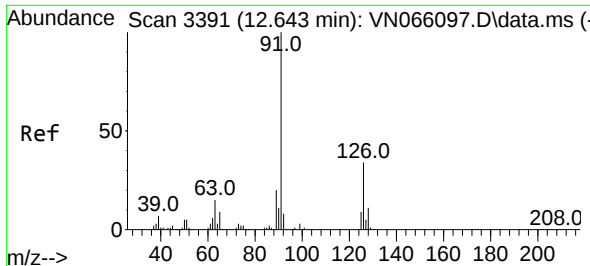
Tgt Ion: 91 Resp: 3306

Ion Ratio Lower Upper

91 100

120 21.3 11.8 35.3

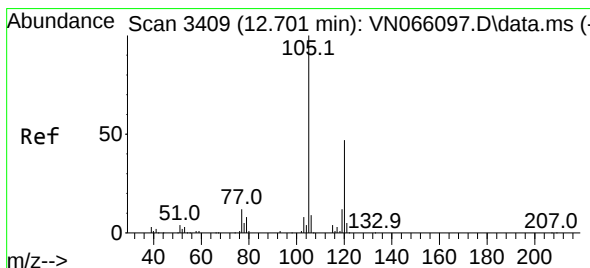
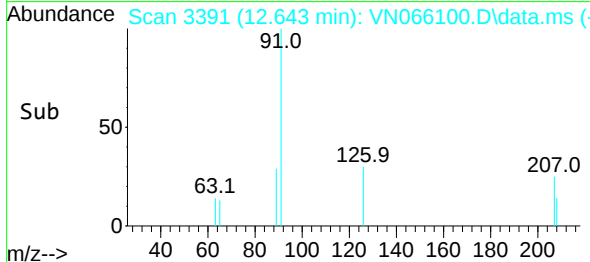
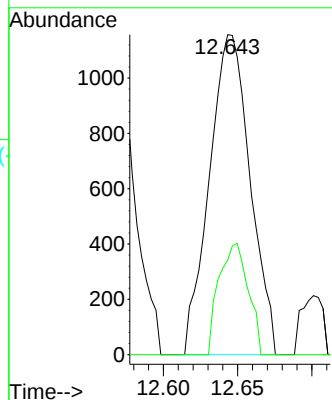
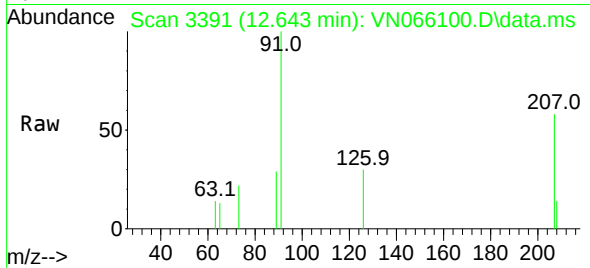




#79
2-Chlorotoluene
Concen: 6.07 ug/l
RT: 12.643 min Scan# 3391
Delta R.T. 0.000 min
Lab File: VN066100.D
Acq: 2 Mar 2021 14:06

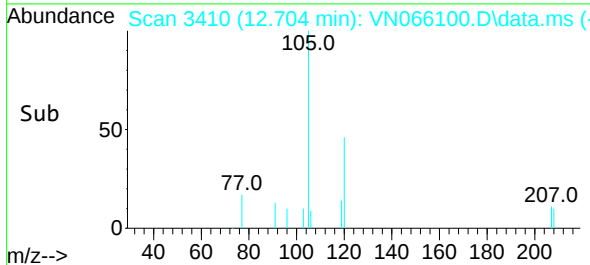
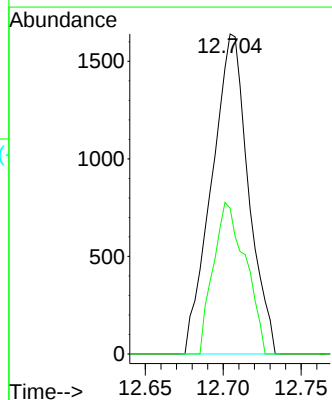
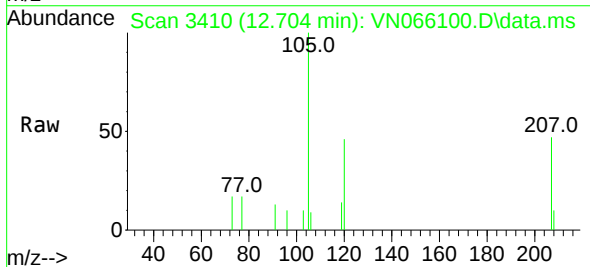
Instrument :
MSVOA_N
ClientSampled :

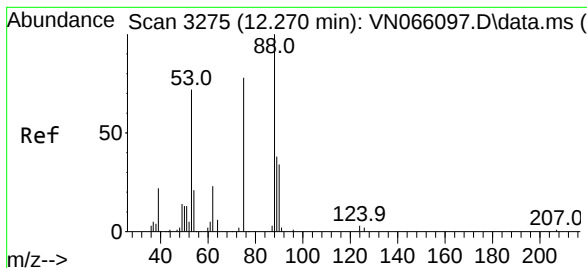
Tgt Ion: 91 Resp: 2210
Ion Ratio Lower Upper
91 100
126 24.9 17.4 52.3



#80
1,3,5-Trimethylbenzene
Concen: 5.80 ug/l
RT: 12.704 min Scan# 3410
Delta R.T. 0.003 min
Lab File: VN066100.D
Acq: 2 Mar 2021 14:06

Tgt Ion: 105 Resp: 2680
Ion Ratio Lower Upper
105 100
120 41.5 24.3 72.8

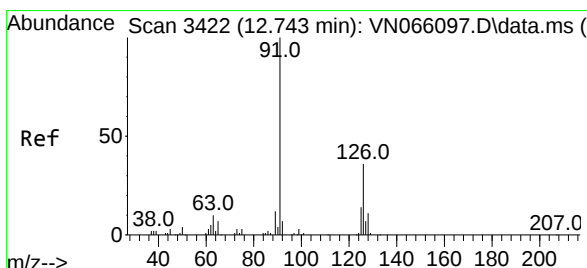
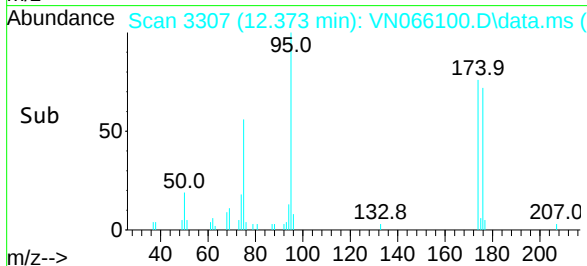
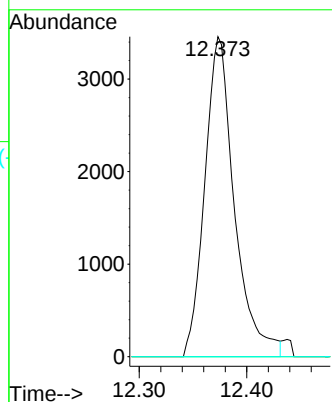
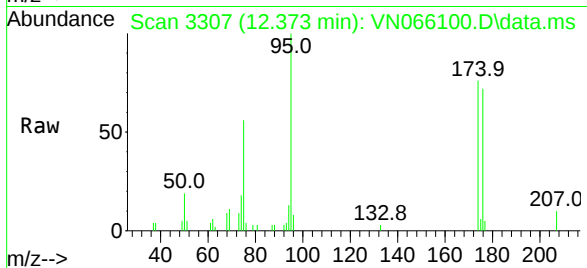




#81
trans-1,4-Dichloro-2-butene
Concen: 138.69 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.103 min
Lab File: VN066100.D
Acq: 2 Mar 2021 14:06

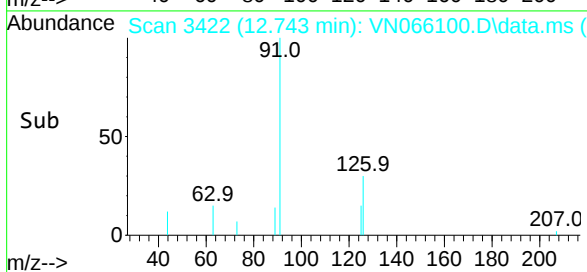
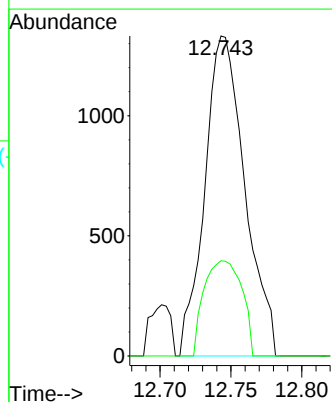
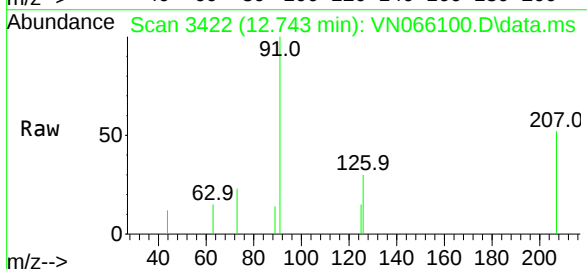
Instrument :
MSVOA_N
ClientSampled :

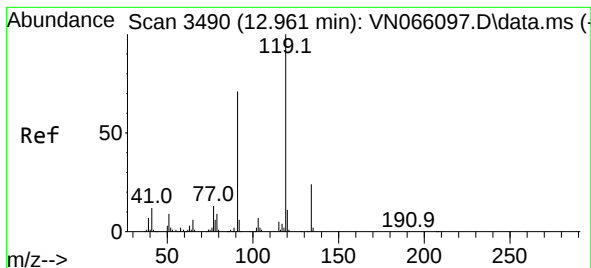
Tgt Ion: 75 Resp: 6618
Ion Ratio Lower Upper
75 100
53 0.0 74.6 111.8#
89 0.0 35.8 53.8#



#82
4-Chlorotoluene
Concen: 6.98 ug/l
RT: 12.743 min Scan# 3422
Delta R.T. -0.000 min
Lab File: VN066100.D
Acq: 2 Mar 2021 14:06

Tgt Ion: 91 Resp: 2624
Ion Ratio Lower Upper
91 100
126 27.9 17.2 51.6

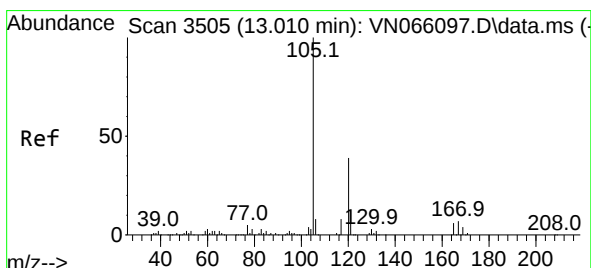
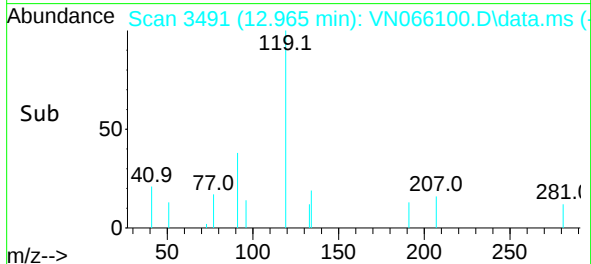
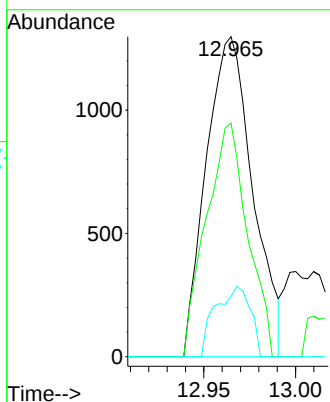
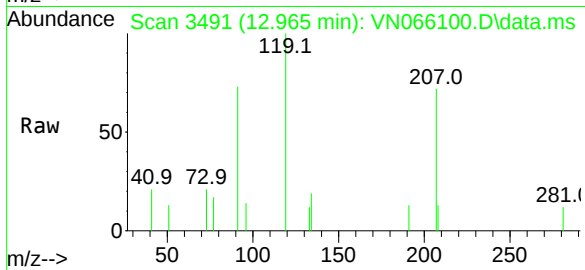




#83
tert-Butylbenzene
Concen: 6.04 ug/l
RT: 12.965 min Scan# 3491
Delta R.T. 0.004 min
Lab File: VN066100.D
Acq: 2 Mar 2021 14:06

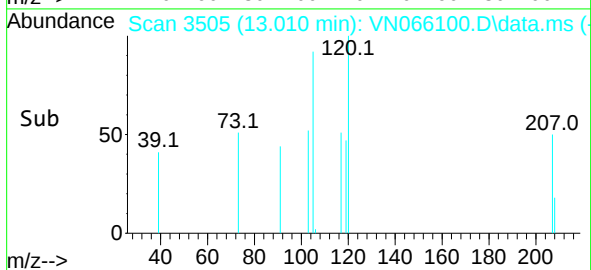
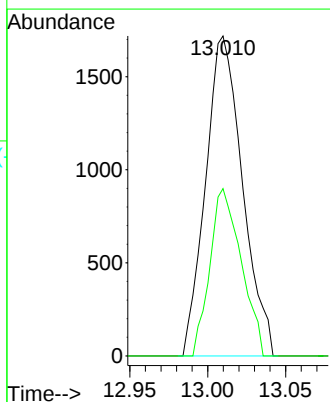
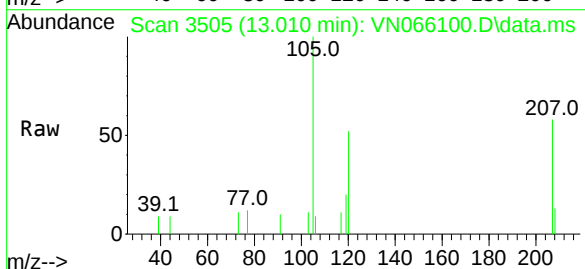
Instrument :
MSVOA_N
ClientSampleId :

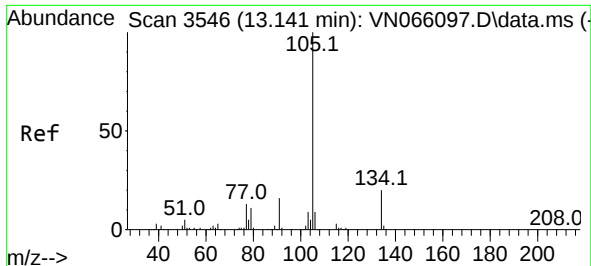
Tgt Ion:119 Resp: 2289
Ion Ratio Lower Upper
119 100
91 64.8 33.0 98.9
134 16.4 12.7 38.1



#84
1,2,4-Trimethylbenzene
Concen: 6.27 ug/l
RT: 13.010 min Scan# 3505
Delta R.T. -0.000 min
Lab File: VN066100.D
Acq: 2 Mar 2021 14:06

Tgt Ion:105 Resp: 2831
Ion Ratio Lower Upper
105 100
120 44.3 22.4 67.0

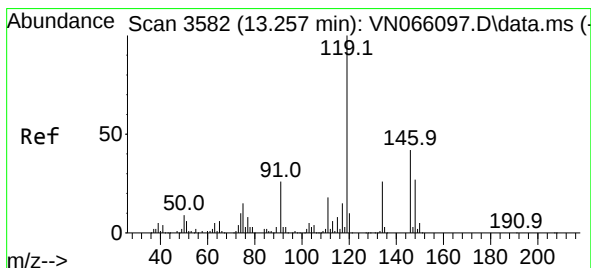
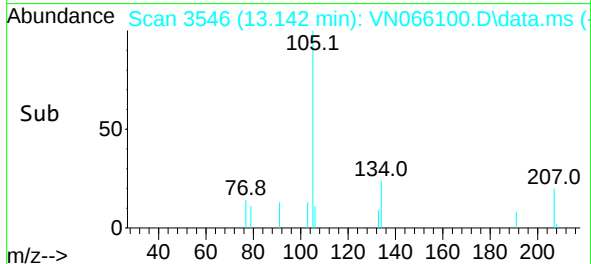
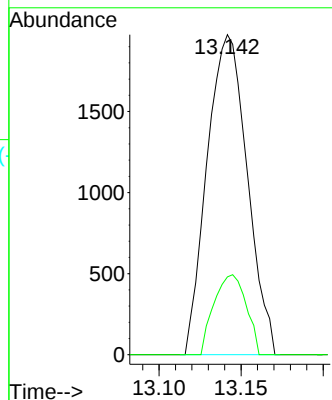
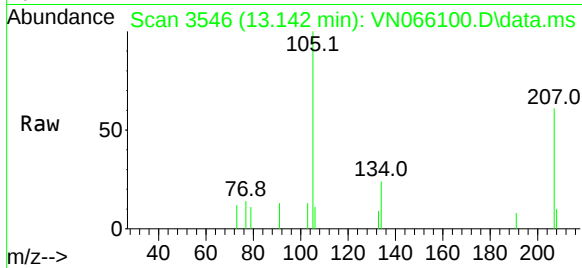




#85
 sec-Butylbenzene
 Concen: 7.21 ug/l
 RT: 13.142 min Scan# 3546
 Delta R.T. 0.001 min
 Lab File: VN066100.D
 Acq: 2 Mar 2021 14:06

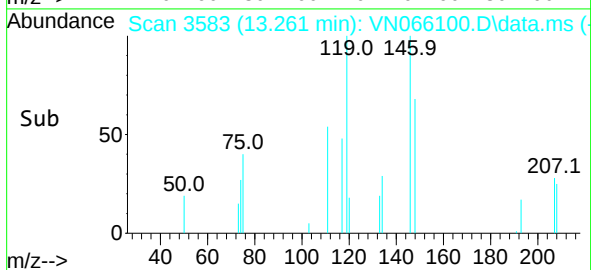
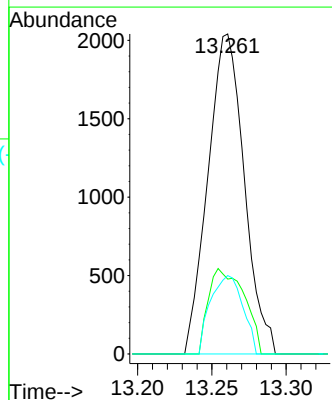
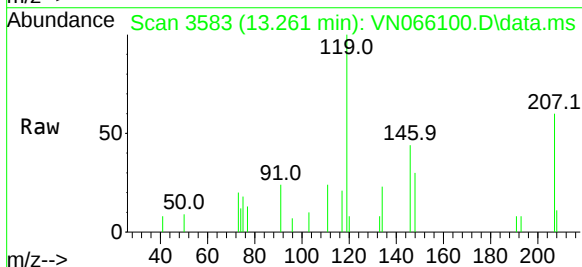
Instrument :
 MSVOA_N
 ClientSampled :

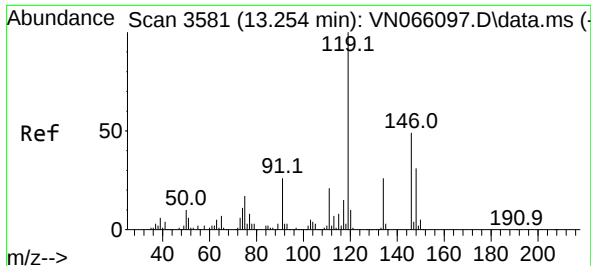
Tgt Ion:105 Resp: 3355
 Ion Ratio Lower Upper
 105 100
 134 20.0 10.0 30.0



#86
 p-Isopropyltoluene
 Concen: 8.00 ug/l
 RT: 13.261 min Scan# 3583
 Delta R.T. 0.004 min
 Lab File: VN066100.D
 Acq: 2 Mar 2021 14:06

Tgt Ion:119 Resp: 3467
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.3 39.8
 91 21.8 11.8 35.3





#87

1,3-Dichlorobenzene

Concen: 8.51 ug/l

RT: 13.257 min Scan# 3582

Delta R.T. 0.003 min

Lab File: VN066100.D

Acq: 2 Mar 2021 14:06

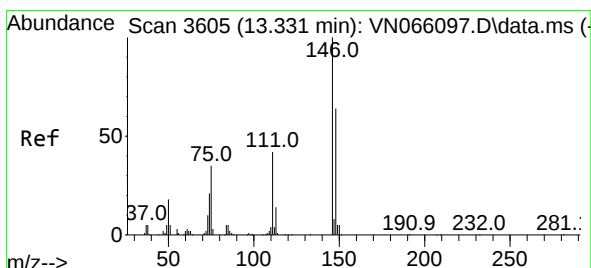
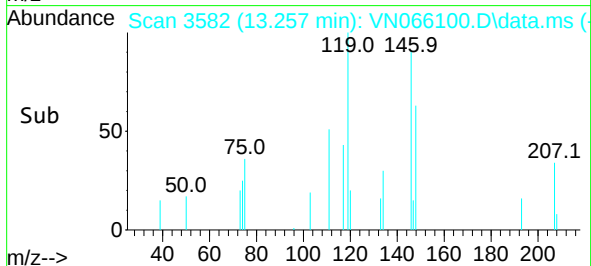
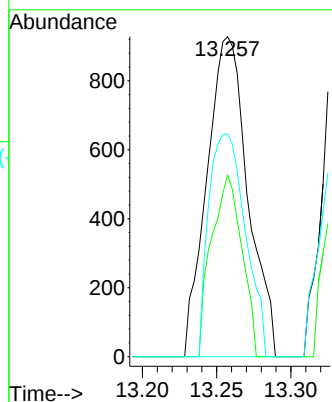
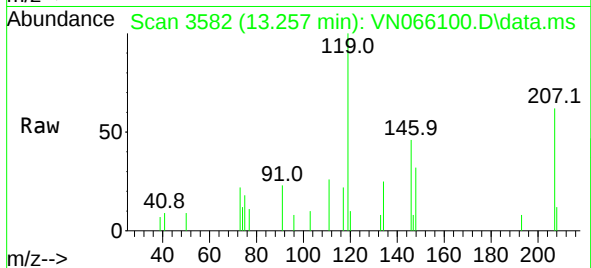
Tgt Ion:146 Resp: 1782

Ion Ratio Lower Upper

146 100

111 42.0 19.5 58.5

148 62.1 32.3 96.9



#88

1,4-Dichlorobenzene

Concen: 8.48 ug/l

RT: 13.331 min Scan# 3605

Delta R.T. 0.000 min

Lab File: VN066100.D

Acq: 2 Mar 2021 14:06

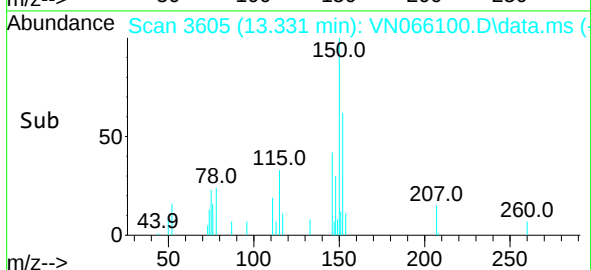
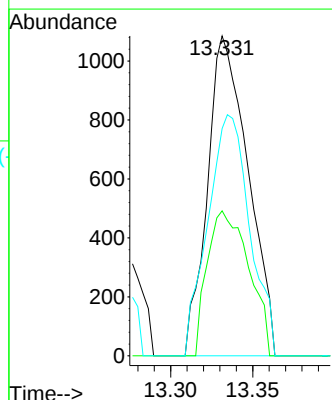
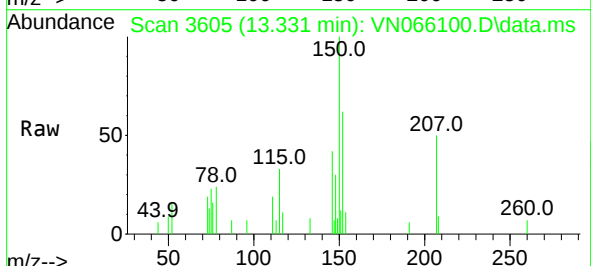
Tgt Ion:146 Resp: 1868

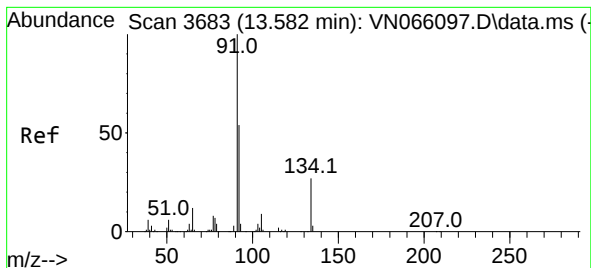
Ion Ratio Lower Upper

146 100

111 46.4 19.0 57.0

148 78.0 31.8 95.3

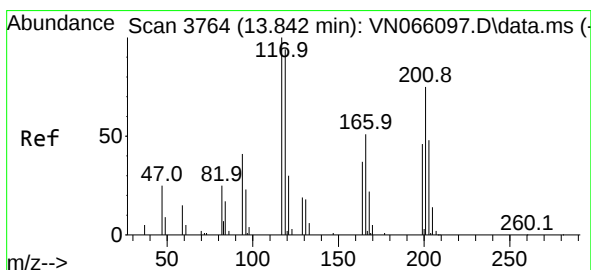
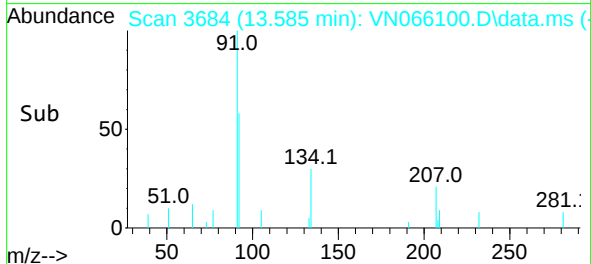
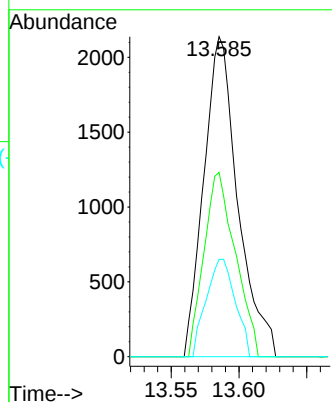
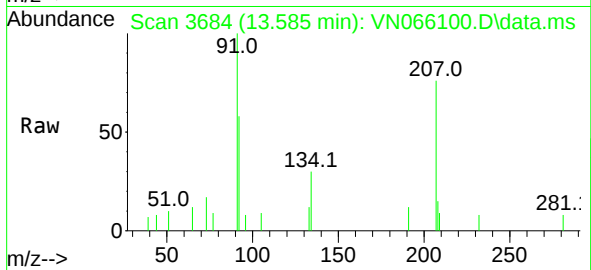




#89
n-Butylbenzene
Concen: 10.90 ug/l
RT: 13.585 min Scan# 3684
Delta R.T. 0.003 min
Lab File: VN066100.D
Acq: 2 Mar 2021 14:06

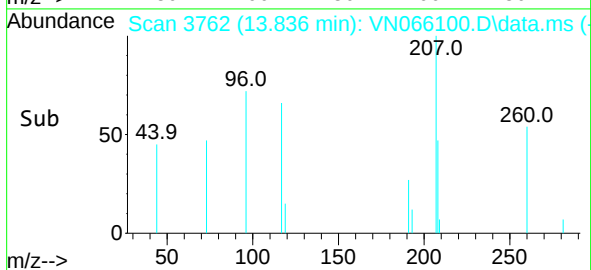
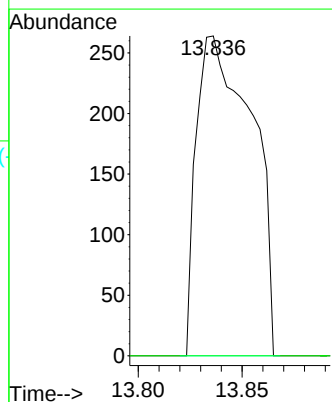
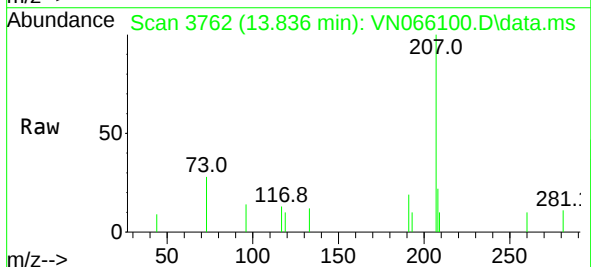
Instrument :
MSVOA_N
ClientSampleId :

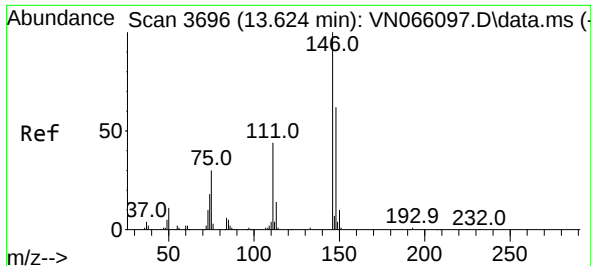
Tgt Ion: 91 Resp: 3727
Ion Ratio Lower Upper
91 100
92 53.0 26.1 78.3
134 25.9 13.0 38.9



#90
Hexachloroethane
Concen: 7.44 ug/l
RT: 13.836 min Scan# 3762
Delta R.T. -0.006 min
Lab File: VN066100.D
Acq: 2 Mar 2021 14:06

Tgt Ion: 117 Resp: 490
Ion Ratio Lower Upper
117 100
201 0.0 37.8 113.3#

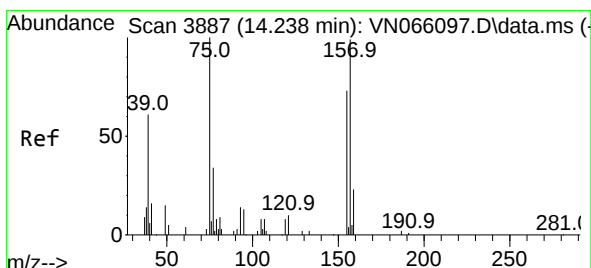
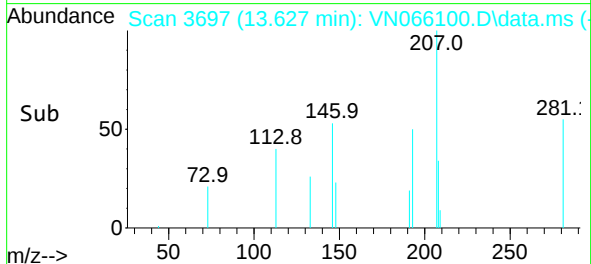
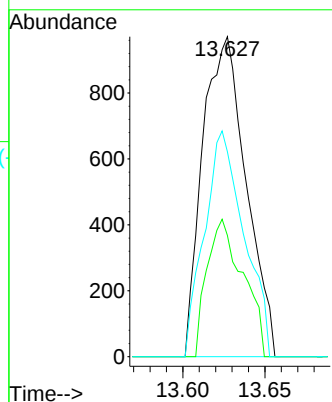
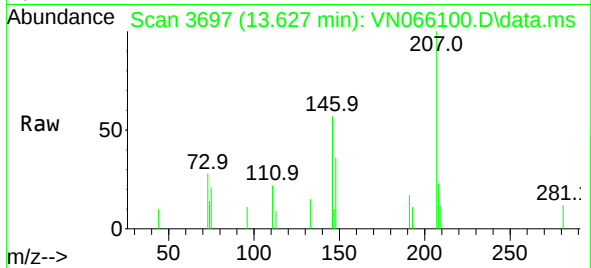




#91
1,2-Dichlorobenzene
Concen: 8.60 ug/l
RT: 13.627 min Scan# 3697
Delta R.T. 0.003 min
Lab File: VN066100.D
Acq: 2 Mar 2021 14:06

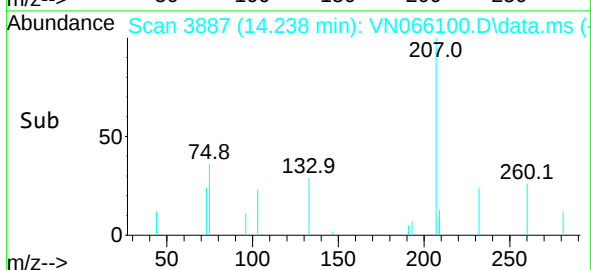
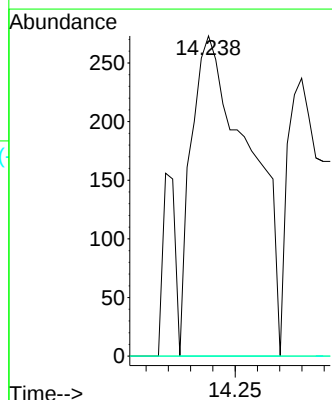
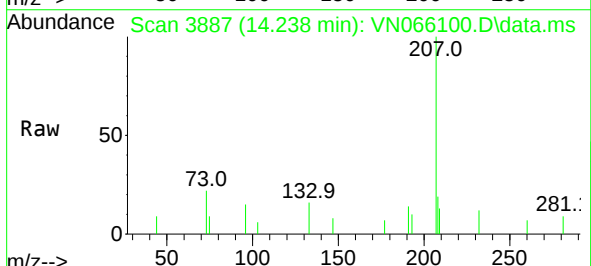
Instrument :
MSVOA_N
ClientSampled :

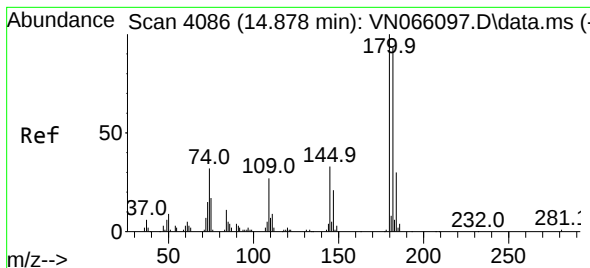
Tgt Ion:146 Resp: 1784
Ion Ratio Lower Upper
146 100
111 35.7 20.1 60.3
148 64.4 32.0 96.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 12.57 ug/l
RT: 14.238 min Scan# 3887
Delta R.T. 0.000 min
Lab File: VN066100.D
Acq: 2 Mar 2021 14:06

Tgt Ion: 75 Resp: 498
Ion Ratio Lower Upper
75 100
155 0.0 44.1 132.4#
157 0.0 56.0 168.2#

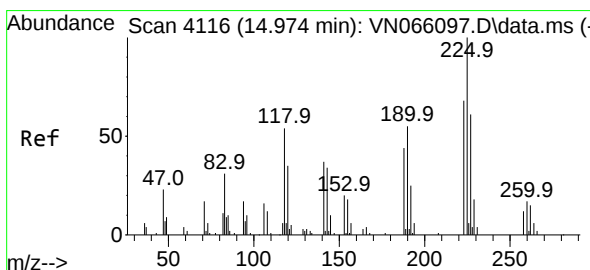
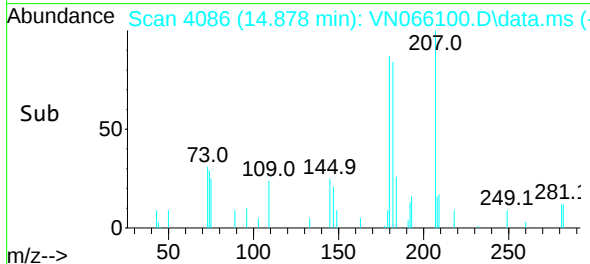
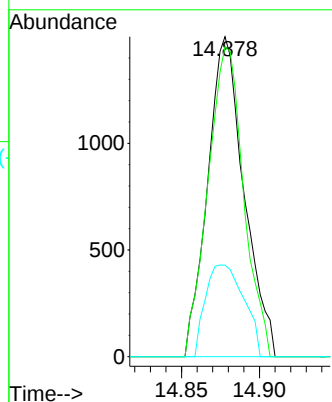
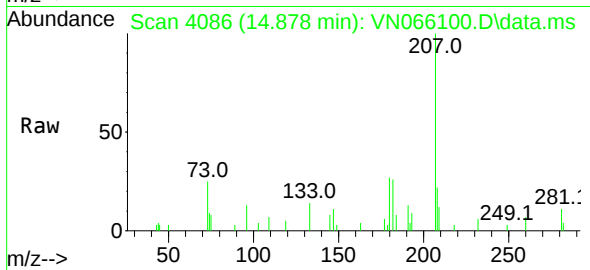




#93
1,2,4-Trichlorobenzene
Concen: 22.23 ug/l
RT: 14.878 min Scan# 4086
Delta R.T. -0.000 min
Lab File: VN066100.D
Acq: 2 Mar 2021 14:06

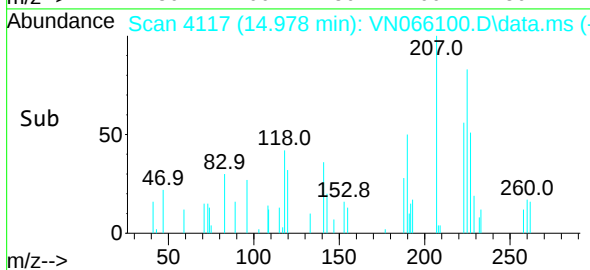
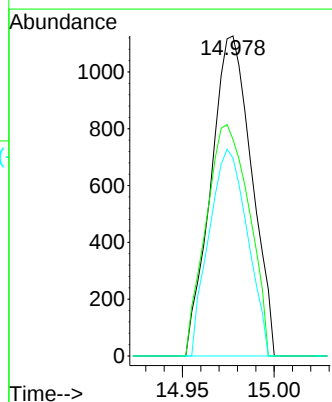
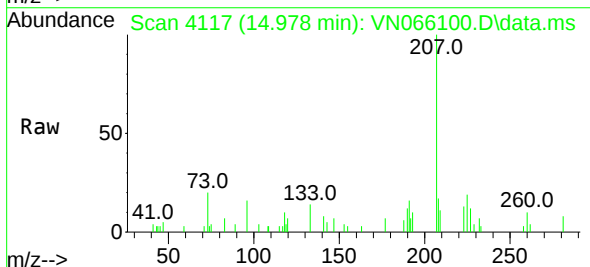
Instrument :
MSVOA_N
ClientSampled :

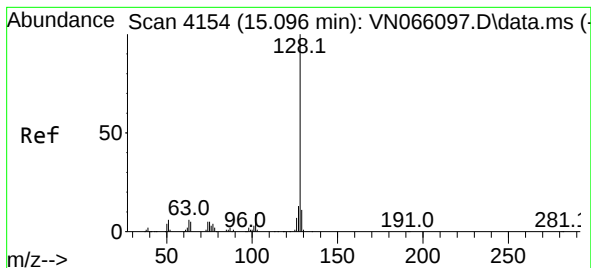
Tgt Ion:180 Resp: 2432
Ion Ratio Lower Upper
180 100
182 94.9 47.3 142.0
145 30.2 15.6 46.8



#94
Hexachlorobutadiene
Concen: 33.30 ug/l
RT: 14.978 min Scan# 4117
Delta R.T. 0.004 min
Lab File: VN066100.D
Acq: 2 Mar 2021 14:06

Tgt Ion:225 Resp: 1742
Ion Ratio Lower Upper
225 100
223 76.2 31.9 95.9
227 60.7 31.6 95.0

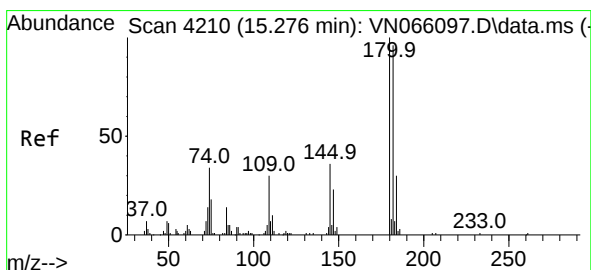
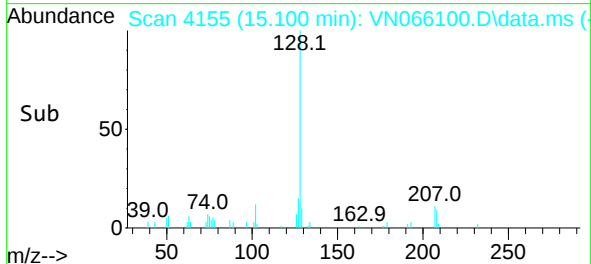
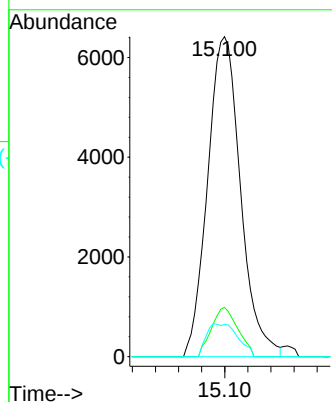
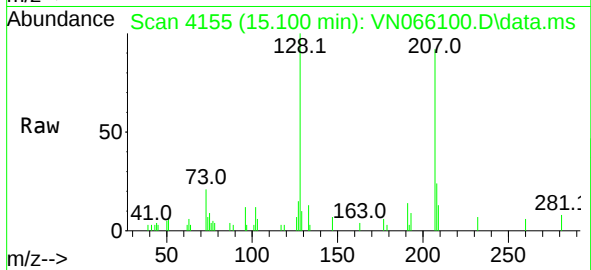




#95
Naphthalene
Concen: 35.90 ug/l
RT: 15.100 min Scan# 4155
Delta R.T. 0.004 min
Lab File: VN066100.D
Acq: 2 Mar 2021 14:06

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:128 Resp: 12724
Ion Ratio Lower Upper
128 100
127 12.3 10.2 15.2
129 9.7 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 25.70 ug/l
RT: 15.277 min Scan# 4210
Delta R.T. 0.001 min
Lab File: VN066100.D
Acq: 2 Mar 2021 14:06

Tgt Ion:180 Resp: 3041
Ion Ratio Lower Upper
180 100
182 97.5 47.4 142.3
145 38.4 16.5 49.5

